

<210> 3705
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 3705

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| naaatccctg | gctactcgnt | ctttttgcag | gatcccttcg | nttcgaattc | ggcacgagcc | 60 |
| agcctggcca | acatggcaaa | acactgtgta | cactacaaat | agaaaaattg | gccgggcatc | 120 |
| atggtgtgtg | cccgtagtcc | cacctactca | ggaggctgat | gcaggagaat | cgcttgagcc | 180 |
| tggaggggcg | aggttgacgt | gagacgatac | cgtccactgc | acttcancct | gggcaacagc | 240 |
| aagactncgt | cttcaaaaaa | aaaaatttta | aaaagatttt | tcttatggng | ggtttcaaaa | 300 |
| aatggttgtt | ttggcaacgc | tnggtgccaa | tgggttacct | ctgnntaatc | ccnccacttt | 360 |
| ttaaaagncc | caaacgggtg | ggggatcacc | ctctanggtc | nggaaaattt | gtnnnacctt | 420 |
| tggggttnan | aattnnngnn | nnccccccat | ttttttctnt | ataaaaangna | ccccncnaaa | 480 |
| aaattctatt | tccnccgaat | ttgggtgggc | accgttgccc | ttggtaaatt | cccaancttt | 540 |
| ctttggggga | angctttaag | gcccaggnaa | aaaattggnc | ntnaaanctt | ctgggggctt | 600 |
| caaagccgaa | ncanttncca | accttcaacc | ttccatatnn | anttggggac | tacnaggngg | 660 |
| ccncccnanc | nttttnctgg | ctaanattta | ctgantttca | ngtagagnan | ccancttttn | 720 |
| ttatttttnc | ccaaanncnt | gctnnnaaat | tctnnctnt | tatgnanccn | accaatatct | 780 |
| nnntnccena | aaattctngn | naccnttnnt | ctnagaaacc | tnatngccnc | nantannncc | 840 |
| tngggttcac | nntttccccn | tccntttc | | | | 868 |

<210> 3706
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 3706

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|-----|
| cctagttnca | atngctnggc | tactngttct | ttttgcagga | tccctcgatt | cgaattcggc | 60 |
| acgaggtgaa | gccacctttg | tgaacagtat | agtaatgtct | atacttggtc | aatagtttag | 120 |
| aggaggtagg | aggggaagaaa | ttgcaaaagg | taatattact | agtgtgttca | tacttgagca | 180 |
| ttttcagaca | ccatttttct | atatgttttg | tgcattttgt | tttgctctgt | atatagtata | 240 |
| tataatggac | aaatagtcct | aattttttcaa | catctagtct | ctagatgtta | aagaggttgc | 300 |
| cagtgtatga | caaaggagta | aaattagcct | attttgtaca | ctttgnggtt | gaattcctng | 360 |
| gaaaacctgg | cttctgnnaa | aaaccttttn | cttaggaatn | tgtttngcca | tctcttaacn | 420 |
| ttacaccntg | ccctgtncct | ntccactgga | ttgaaaggcc | cnataaagga | aggggagggg | 480 |
| agggaaattg | atttcaaagg | ccccaaatgg | gccacatttt | aggaaagaat | accctcacna | 540 |
| tgggaataanc | ccatttggtt | aatgtngtgg | tgccaaattt | ttatttaaac | aagtgcctgg | 600 |
| ngtaatggtg | ggtggggacc | aaagtattat | ntggaaaata | tctnagtnc | tttcttagaa | 660 |
| tanttttggg | aaaatgcctt | ggatggtatt | ttaaaaagtg | gtaagtagaa | atanaccctt | 720 |
| tttgaaaaat | aagccttttt | aaaaaacctg | attgggnaaa | ttcctngttt | tggaaanttg | 780 |
| gaaattggtt | ggaaccancc | tgggaagggtg | ggaaggggaa | gaaaaatgcca | atgggggttt | 840 |
| tggccattgg | ttnta | | | | | 855 |

<210> 3707
 <211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3707

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gmnnttttnna aannncnngg nttcnngnng ccttggtttg nccnananaa acncnntgna      60
ancncgggct cgcttctcct cttccattgc gatttgcctt ctttatccag ncttnnggaa      120
tgctgatttn aaatgtnnnt ggcacaaggc aggcgtgaaa acataaagtt aataaaaatc      180
gaatgcataa gctagagcag attatccaca gattcttcca tctocatata gattatcacc      240
attgcctgca cctgttttcc ttctccagcc tatctgatgg aatgggtgctt ccatgacatg      300
tggtatttgg aaggctctta gctctgatgt aatcaggggt tgacctagatg tcacctgaaa      360
tagnncttct ggnnctcttt ggtctatgaa ctgaaggggt tcagaagccc gtgttatgca      420
aatacccttc catcccttc cctctccctt tgctctatc catgttccct cagcctcagg      480
gtgcttgacg gctaagagga ttgggnctct ggcctcctgg agctgaacag ctcngtgcag      540
gaattcccca ggccttgag nctctggggg gagttgnagg ggtgtgtagg gngctgggga      600
ttaagancgt ctgagtaggg gcttaccaga ggtatactga aggacctgaa gacagatcat      660
cttcacataa tcagcatgac cataatctgg gatggcactg agcttctttn antcnggagn      720
caaggaatgn gcncaganaa ngcaaantaa tnccttttaa gcccgaggat naggggaan      778

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<210> 3708

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 3708

```

tttnaannnc cnnntttcaa atngcnaggg tactngttct ttttgcagga tcccatcgat      60
tcgagtgatt aagtctcact aggaataggg ttttctaaat tgntttatct catcctcatt      120
agaacttcac cacatgtggg aaatcatgtg gcaaaactgt ctctcttaaa aaaaaagtca      180
ccaaggaaac ctcttctgac aatttaagaa ataaaatccc agtgacattg atttggtatg      240
tccaaacatg tccataatgg aagagctttt ccaggttttg gtttggggccc ccagaccaa      300
agctttgaca cataatacaa gctctgtaag tctgttttcc tgtctgtaat ttgggattgt      360
catctttgta ggggtgtcatg gagattaagt tattcactgt agacaatgcc cctttcatgt      420
aatagattct gtcagtatta gatctttttc tttctcttca agtttcaaac atagattagg      480
caaaatttta atggctatatt cacaaaatca gcttgattct tgtttatgac atcaagtgtt      540
gtttttccag gttgtctgtt aaagggttac tttttttttt ctaaaagtgc ttttanaaat      600
tccagtgtta gtatgtatgc atcatttaag ctaagaatga agatntaaag atcacccaac      660
agtttaaagc tggattcttt tancaggtca aaggagaatt gngntttgnc tagctgnctt      720
anccgtgtcg gacttcttgg actcaagtga tccacactgn ccttaanctc ccaaagtgcc      780
nggaggtt

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<210> 3709

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3709

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| gnnncgcctt | nagttccnca | ngcgnactct | ttgnacganc | ttatgaacag | atatggagggc | 60 |
| cagagctcat | ttgggtaaac | ttactcctgc | tgagtttagca | ttttggtgag | agaagctccc | 120 |
| ctgagctcac | ctgtctctct | gactgccttg | gagtaggtgg | cataaccttg | tgacacagaga | 180 |
| actagaaaag | gggcagaacc | ccggccttgc | agttgtggca | ggtttccact | gtggtaagct | 240 |
| aggttcattc | ctcatcaagg | aatgtgtagc | agattgttca | ctgtggagga | gttaattata | 300 |
| gaatgggtta | ttgttggttat | tcttactcat | gaagttacag | attttagcca | gtctttgctt | 360 |
| ttatactttt | gtgaaattta | atctctctct | atagcacctt | cctttttcgt | tttcagttat | 420 |
| caaaagtga | tttgacctca | taaaagagtt | gagaacatct | ctcgtgtcac | atactgcagg | 480 |
| tgcatcagtt | acttttgcac | agattctagg | gggacatttt | tctgaatagg | aagacaggac | 540 |
| aaagttaaca | gcttaagggc | tcttaattct | gtgagttgag | gacttaaaaa | gtattgnagc | 600 |
| atttggttgg | atccatgaaa | aaatgtattc | agtgggcttt | taaaattttc | atttgcagaa | 660 |
| tttggnctct | cangctgttt | ggggagctct | tttttttacc | attttttctc | ctttgcacct | 720 |
| attnnatggn | ggttaaagta | aanggtgnact | | | | 750 |

<210> 3710

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 3710

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| aanagcnnnt | cnaatngcta | ggtntctgct | ctttttgctg | atccctcgat | tcgaattcgg | 60 |
| cacgagatta | ttataagact | aacattctga | taagccatgg | tataattaac | attattaaaa | 120 |
| tgtttacata | taatccttct | taaagtatac | tcttttaaaa | atccattggc | ataaccttac | 180 |
| ttttagttta | gtgatccaga | atttccccag | agcttaagcc | actgcagtaa | attaggtacc | 240 |
| gtaggatatt | cagtcgctac | tagccacaag | gagtctcctt | attttaatgt | acctccctca | 300 |
| gtactttatt | cctgcagagc | gcctcagagt | gggggagaga | aatgagcaat | cctggctcan | 360 |
| ntggattatt | tcagcatttt | attttctaaa | atctgtagt | tgatcccga | aatatttaaa | 420 |
| attaaaaaaaa | atacttttac | cagaagagag | gcctacctaa | tcaatgngct | ttagagaaac | 480 |
| naaactaccc | tttaccattc | aatttaacaa | ccnanaaaaa | ggtttaccct | aaattttaac | 540 |
| aaaacatttt | ttctttatct | gaattntggg | gaggaaaata | cttaatgctg | acaccgttta | 600 |
| ataaatttag | gaaaaaggat | ccattcccag | gaatctttat | gggaaaaaat | tgggggtttt | 660 |
| naaatttcca | agccagggtt | ggctcttttg | aagaacatng | ggtaantcct | cnttaaattg | 720 |
| taaacttntc | taaaagggan | naggggtagg | aattnggaaa | aagggaatct | ttgggnattn | 780 |
| ttaccnttta | aattaatggg | tcccaggaat | nggggtttca | agggattntt | ncanaaatta | 840 |
| aaaattnggg | tttttggttt | gggaaaaaaa | tggaaatacc | cttttttngg | ggggg | 895 |

<210> 3711

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3711

```

naatngctag gttanacgc tnggctctng ttctttttgc agggatccca tcgattcggt      60
cgtgactcct gtacaaggga aaataggctt ggagaagatt ggtgtcaaaa ttaatgagaa      120
gagtggaaaa atacctgtaa atgatgtgga acagaccaat gtgccatatg tctatgctgt      180
tggtgatatt ttggaggata agccagagct cactcctgtc gccatacagt caggcaagct      240
gctagctcag agactttttg gggcctcttt agaaaagata tatcatactt tgttctggcc      300
tcttgaatgg acagtagctg gcagagagaa caacacttgt tacgcaaaga taatctgcaa      360
taaattcgac catgatcggg tgataggatt tcatattctt nggaccaaac gccggtgang      420
ttaccaaggg atttgcagct gcaatgaaat gtgggctcac aaaacagcta cttgatgaca      480
ccattggaat tcacccaca tgtggggagg tgttcacgac tttggaaatc acaaagtcgt      540
caggactaga catcactcag aaaggctgct gaggctagcc tgctgctggt taagtctcnc      600
ttgncatatt ctcatctctc tcaaagataa gaatgctctc ggatnaaatg agcctgtgct      660
catgacanct gctctggtac ttanggacca ntgcaaggct tncttaccac acttagatga      720
gaaagttnnc aanggaaaaa ggnccaccaat ngggcatttt gcctt                    765

```

<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3712

```

agnnctttct tacgcctnnt gaacttnttg naantcctt tttgcaggac ccatcgattc      60
gaattcggca cgaggaaagg acccatgatg taaggatgtc ttttttgggg ggtgcttggt      120
gctccttaac tggtcttgga aagagcctac ttcccatagt gaacctgtg aggtccaatt      180
ctgttcctcc ccttggagct ccaagagaag gtcattgect tgtagcagca ggtgcccccc      240
caagctgggt tctcactgca ggtgccagcg ggctctcagt aggtatgacc tggatgtgag      300
tggtgaacca ggattgagga actcagcacc ttcgaccaca ctccactct ccttgggggt      360
caagtcagga tatggaaaag tgtcacctg tttgncatat aactggatgg gtngtaaaca      420
gaacgcctct ggcaaaaggtn gacctgaag gcaaaactga gttgagggtt gttaggacgg      480
aaataattac tgctgggcat gcaacacttc ccaaccgttc ttgtgangca agcantgtta      540
ttgncagttt ggcacaaagg cacangtgta nnaacaacgt aagtgcctg gggcccggtc      600
ttacaccacc cactgnggtt tgaacttana atgtgaaccc aaggcccttt ttgaattccc      660
aaantccctc aatcccttca atcctaaaca agcnttgcct gccgggttan ccaaaaaagg      720
gggacctccn ggnaatntng ctcttggcan nttnttttaa anctggatnt attaatgggg      780
aaaaccanan ntanaantnt ttggtnt                    807

```

<210> 3713

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(909)

<223> n = A,T,C or G

<400> 3713

```

ttgcnaatcg ctaggctctc gttctttttg caggatccct cgattcgttt tttactatgt      60
accataatgt cccattcatg agaacctagc aagtagtttt tctcattagc gaatgctaga      120
attttatttt ttttcacata gtgaaaagggt gaaattgggtc tgtcttcctc tttactttag      180
ctgctagtaa ggttgaaaca acgatgggtc ccaaatTTaa cagttagggtg acatcttctt      240
ctacgtgtgc taagattacc cagacttcac tttaccctta tttccactg actttgatcc      300

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cttttacttg | nttttattct | gnaagtatgt | atttttgnca | tctttcagna | ctctttggna | 360 |
| tcnnaataaa | attaaattcc | cctagncttt | aaanangata | atngggtnnc | ttggnttaaa | 420 |
| nattaaaaat | naaaagtnat | ttngggcttt | natataataa | ttaagccant | aagnnathtt | 480 |
| tnggcnaaan | tccttttctt | gccanaagg | ggcccagaac | gggnttaaat | attttttaag | 540 |
| ggtggtttnc | caagggccaa | ggtggaatcc | tcttggttg | gcaaacttaa | ccttcaagcc | 600 |
| ttcttgccg | gttcggttaa | antggangga | aaaaggccag | gccccttng | gacccaatgg | 660 |
| gccatttaaa | ggcccaaat | ggggggttng | ttggaacttg | gggggttttc | ccaanttaaa | 720 |
| aaaccttttt | aattttttnc | naaaaaancc | aatggggctt | accatttttg | acttttttng | 780 |
| tgggtngtaa | ttttggcctt | acccccccaa | aaanaaanaa | anannnnnct | tcctatattn | 840 |
| actnnnanac | tttcantnan | caaaaaaaaa | cntgggcctt | tttanaactt | tngngggnc | 900 |
| tntnccan | | | | | | 909 |

<210> 3714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3714

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| aaatnnnagc | tacttggttct | ttttgcagga | tcctctgatt | cgaattcggc | acgaggagcc | 60 |
| atggcgagaaa | atcagtgatg | tcattgagga | ctctgtagtt | gaagattata | attcagtgga | 120 |
| taaaactacc | acagtttctg | tgagccagca | gccagtctcg | gctccagtgc | ccatcgctgc | 180 |
| ccatgcttct | gttgctgggc | acctctctac | atccaccacc | gttagtagca | gcggggcaca | 240 |
| gaacagcgac | agtacaaaga | agactcttgt | cacactaatt | gccaacaaca | atgctggcaa | 300 |
| tcctttggtc | cagcaagggtg | gacagccact | cctcctgacc | cagaatccag | ccccagggtct | 360 |
| gggcacaaatg | gttactcaac | cagtattgag | gcctgttcag | gtcatgcaga | atgccaatca | 420 |
| tgtgactagt | tcccctgtgg | cctcacaacc | aataatttat | actacgcagg | gatttcctgt | 480 |
| aaggaatgtc | cggcctgtac | aaaatgcaat | gaatcaggtt | gggattgtgc | tgaacgtaca | 540 |
| gcaaggccaa | acgggttagac | caattacact | agttncagcc | ccangtacc | agtttggttaa | 600 |
| acccgacagt | tggagttnca | caagtgttct | tcagatgac | ccctgtgang | ccaggcttca | 660 |
| caatgcctgt | ganggccacc | accaaacacc | ttnaccaccg | tcattcccgg | cactnttacc | 720 |
| attcgnaagc | aaccgtccca | aagtcccagt | ct | | | 752 |

<210> 3715

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (960)

<223> n = A,T,C or G

<400> 3715

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| tttcaaatcg | ctnggctact | cgttcttttt | gcaggatccc | tcgattcgaa | ttcggcacga | 60 |
| ggtctcgagt | ttgttggttt | ttgtaatccg | ttttagagt | aattaaactc | agacatccct | 120 |
| ggattgtatg | ctgtctgtag | aatgttgatt | ttcaggcacg | gggatgtagc | tgtagaatgt | 180 |
| ggcttggtca | ttcttctga | taagaaattg | atctcctgaa | tggattggcc | atttggtaat | 240 |
| ttcttagtga | aaggctgact | cttgaatatg | gctgggtataa | tataaattct | taccaacata | 300 |
| aaagtaagg | cttatttggg | gcttgggttaa | aactgtcatg | ccttgganga | tatatagctt | 360 |
| ataaaattgg | cttaacctng | nattttatga | cctanctnnc | ccctgntgcc | aacntttnac | 420 |
| ttgccaaaaa | ncctgggatt | cntgttttnc | aagggnngac | cttattattt | gtggaagaaa | 480 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aatttggatt | nnccaaggtt | aacctatttt | tcaanggctt | cttggctttt | tgnaattttt | 540 |
| cttcaatttc | accatggccn | tcctttttat | tcctnttttt | tnccctttcc | caaanggggt | 600 |
| tcnnggggaa | tttancctgg | tttcccggga | aagnaaanga | angggatttn | ttccaccant | 660 |
| taaggccanc | cccaaatttt | tttaccctac | ctttccaaaa | accccanggg | aagccttacc | 720 |
| ttacctgggn | gggtnaaaaa | ttanggggtt | taaccacccc | ccaanatttg | ggaaaaatcc | 780 |
| tttttggcca | aaaaagggtt | ccnggggttc | taatttcaaa | ccggaaacca | gngnacttnt | 840 |
| ttagccnaaa | aaaggaaaag | aatccgtttc | cccattattt | gggaaccgcc | cccattttta | 900 |
| aaatttnccc | agnngttttc | ctttaaatgg | gaacctttgc | caaaagggaa | atatttggcc | 960 |

<210> 3716

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3716

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ttnaaanccc | nnttncnaat | cnncaactac | ttgttctttt | tgcaggggatc | ccatcgattc | 60 |
| gcaaagcttg | atctattaat | atattgatca | gagttccatg | atccttttct | aaaatgggtg | 120 |
| ctttattttg | ccagaataat | tctgcagggt | gttttttttg | ggacggagtc | tcactctgtt | 180 |
| gccaggata | gaatgcagag | tggcacaatc | ttggctcact | gcagctcttg | cctcccagtt | 240 |
| tcaggagaat | tgtgtgaacc | tggaaaggcg | aggttgagc | gagccgagat | caatcaccac | 300 |
| tgcacttcac | ctgagcaaca | gggcaagact | tcactttaaa | aaaatttttt | ttggatttat | 360 |
| atttactgan | aagggtctgt | actaaagggt | ttaanatttg | gntgggtttt | accgctaaat | 420 |
| gtttgtanag | tctgaatctn | tggcctnggn | aaagaataat | tacangcntt | caccaagttg | 480 |
| tgaaaccttc | tgggttngga | tgaaaagaaa | ctttcaagct | nagaggaana | atgttctgaa | 540 |
| atatttgggg | aagtttggca | gactcctttc | tcaaggggta | tgttcatttg | ggccngtgat | 600 |
| tctggaaccc | cctttgcaga | tatcttaagt | gtgtcatgaa | agtttaccaa | gaacattgtg | 660 |
| agtanttgca | attaccaaag | ggaaccaatg | ttcatattac | tttccattat | ccggtctcaa | 720 |
| gnattcttnc | ngagatnctt | taccctgtgt | aaagtgaate | ncttcttct | | 769 |

<210> 3717

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3717

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| naatcgctag | gctactcggt | ctttttgcag | ggatccctcg | attcgcagag | ctggggcatg | 60 |
| gcatgtctca | ggaagccatg | cttgtcacag | aggaatcact | ccgaggctaa | aggaacatct | 120 |
| gggcaatcct | acttgtgtac | tcattggatt | cattcagtg | ccttggtatt | atccttctag | 180 |
| ctaaatgctc | tgggtcttaa | ttcacgactc | caaggttgct | cttgatttta | aggaacattt | 240 |
| tggcagaata | gagagaagtt | gagcaaatat | taacagatgt | caaagggggc | agtgtgattt | 300 |
| attatgtcaa | gagaatcagt | tttatgtcga | gggaagaatt | ttggtagaaa | tcactgtatt | 360 |
| ttttggaaaa | tatcatattt | gggttttttc | attgnataag | taatacatgg | atacatgctt | 420 |
| atataaagaa | aaattcataa | tatagaaaca | taaggaggaa | aaatgagtc | tttttctccc | 480 |
| atagttcact | cctttccctc | ccctttcagt | aaccagtgct | acacgggtgt | gtctttccag | 540 |
| acgttaaaag | cagtcataca | tatctctaaa | gggaaagttt | gcgtttgctt | gntntttctt | 600 |
| cctgnattaa | taggatttgg | gtatatatat | acncaccccg | taatataatt | tggatctgga | 660 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tatntaggag | catatttctg | gggtgcgctt | tttaaaattt | tatggccaaa | tcctacagct | 720 |
| tcttcatgtn | acttgcttat | tngatgttcc | encant | | | 756 |

<210> 3718
 <211> 766
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| <400> 3718 | | | | | | |
| ttnaatngc | ttgctctcgt | tcttttttgc | ggatccctcg | attcgaattc | ggcacgagcc | 60 |
| cgaaagtgc | ttagagagtg | actcccagga | cgaaagtgc | gaggaggagg | agggagacgt | 120 |
| agaaaaggaa | aagaaggcgc | aggaagcaga | agcgcagagc | gaggacgacg | acgaggatac | 180 |
| agaagaggaa | caggggggag | aaaaggaaaa | gggagcgcag | gagaaaagga | gggggaagag | 240 |
| agtccgtttt | gcagaagatg | aagaaaagag | tgaaaattcc | tcggaggacg | gtgacataac | 300 |
| ggataagagt | ctttgtggaa | gtggtgaaaa | gtacatccca | cctcatgtga | ggcaagctga | 360 |
| ggagacagt | gacttcaaga | aaaagggaaga | actanaaagg | ctgaanaaac | atgtaaaagg | 420 |
| tctacttaac | aggttgagtg | aacccaacat | ggcttccatc | agtgggcagc | tggagggaact | 480 |
| gtacatggcc | cacagcagaa | aggacatgaa | tgacacccctg | acctccgctc | tcatgggtgc | 540 |
| ctgcgttcac | tgctctcgcc | atgcccacaa | gactgatgat | ggagcatgtt | ctcttagtca | 600 |
| gcacccctna | ccacacagtt | tggaatcgag | gtcngtgccc | actttcttgg | aggcattggt | 660 |
| gaggaaagtt | cgatgccnnt | ctttttnaata | ccggaagcca | aagggaang | anttgtgnaca | 720 |
| acctgttcac | cgtcattggc | cattttatac | aacttcccgt | ggtntc | | 766 |

<210> 3719
 <211> 755
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| <400> 3719 | | | | | | |
| ttncaatcg | ctaggctctc | gttctttttg | cagggatccc | atcgattcga | attcggcacg | 60 |
| agggacaaac | catctccaga | gccttaatcg | catctgtaaa | gtccctttta | ccatgtaaat | 120 |
| taatattcat | agtttctgaa | gatcaggatc | tggatttctt | ttggggcaat | tattcagcta | 180 |
| accacatatt | ataatgagga | agcacttctt | gggaggcatc | ataatgcttg | ttttttcttt | 240 |
| tcctaaatag | agtatcactt | ttacccaaat | ggaataaactc | gctgggttat | tttactgagc | 300 |
| tcttgatgct | catttctttg | gtcttctctg | tgatgaatta | atgtttctat | atggacatca | 360 |
| tgcacaattt | ctttattcct | gaagaatatt | ttaaaatgnt | gttattttat | gttgtagttg | 420 |
| gtgtaatacg | gtgccagta | tgcccgccaa | gaatgcagac | agatagacct | gtgggataat | 480 |
| tattttgtga | aagacacatc | tgaagctcct | agcagttctg | atgaaaaatc | agaacaggta | 540 |
| tgcttctcaa | ttttcttta | tattcctatc | ttgatataca | actgtaagta | taagaaaaac | 600 |
| atgtttggat | agttaagtca | tttaagggtg | ttctgctatg | gattcctggt | tcaaatagaa | 660 |
| agttaaagat | agctttctta | tatactctca | aacttagttn | aatgagacta | aagctattac | 720 |
| ttaaaatgtc | aaaatttggg | ccagcattgg | gggct | | | 755 |

<210> 3720
 <211> 753
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (753)

<223> n = A,T,C or G

<400> 3720

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| ttncnaatnc | taggtactn | gttctttttg | caggatccca | togattcggg | cggtgttaca | 60 |
| cacattcaca | cttgcaggcg | tgcaggtcgg | tgggtgttaca | cacattcaca | ctgttgcagg | 120 |
| cgtgcaggtc | ccgtgggtgtt | acacacatgc | tgttgcaggc | gtgcaggtcg | gtgggtgttac | 180 |
| attcacactg | ttgcagggtg | gcagggttgg | gttacacaca | ttcacactgt | tgcaggcttg | 240 |
| caggtcgggtg | gtgttacaca | cattcacact | tgcaggcgtg | caggtcagtg | gtgttacaca | 300 |
| cattcatgct | gttgcaggca | tgcaggtcgg | tagtggttaca | cattcatgct | gttgcaggcg | 360 |
| tgcaggtcgg | tgggtgttga | cattcatgct | gttgcaggca | tgcaggtcgg | tgggtgttaca | 420 |
| ttcacgctgt | tgcaggagta | caggtcagtg | gtgttacaca | cattcatgct | gntgtgcagc | 480 |
| tatcacttcc | atcttcagag | ccctttcatc | ttaaaactga | agctctccat | cacacaagtg | 540 |
| acccttcctg | tnccttccca | gtccctgaaa | aacactgttc | aagggttttc | ttcctgggac | 600 |
| ctcattgtgt | ggagtttctc | gtgtgantt | cagtnacaca | cgattggcct | tttttttttc | 660 |
| gttggtgaga | caaattcttat | tctgccttca | atctgggggtg | tcanaatgag | accccatntn | 720 |
| aaaaaaaaa | aaaaaaaaa | aacttgagcc | ttt | | | 753 |

<210> 3721

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (775)

<223> n = A,T,C or G

<400> 3721

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| ttccaaatcg | cnaggctact | cggtcttttt | gcagggatcc | catcgattcg | aattcggcac | 60 |
| gaggcaggtc | ccctcccaca | tctaateccac | cactaaggcc | tgcttcttaa | tagctcttgt | 120 |
| tcggctttgg | ttgagacagg | gttttgctct | gccgcctagg | ctggagtga | gtggcgat | 180 |
| cactgcagcc | tccaactcct | gggatcaagc | agtcctcctg | ccttggcctt | ccaaagtgt | 240 |
| gggattacag | gcgtgagcca | ctgtgcctag | cctgaatagc | tcttaaactc | atccactttt | 300 |
| cttctctctg | acacctgaca | ccctagtcct | gctgcccctc | tctccacctg | gacaacctcg | 360 |
| cccaccccca | agttggtttc | ccctcatcta | ctcttgcttc | cttccagtct | atcttctgtc | 420 |
| ctgaggtcag | aataatttgt | taaaaatata | aatgggggtca | agaatgagtt | ggggatggag | 480 |
| ctganctaga | gatgggttgg | gttgggggtg | ggacttggtg | aangcatgga | attgggggtc | 540 |
| aactgatgta | aaagntaaga | ataggattgg | gatgatgatg | aagggtgaac | tggggatggc | 600 |
| ttgggggttg | ggggatgggc | aanggcttgc | ctactnacca | naatttgccc | tgggtgcaca | 660 |
| aagttttaac | ccacacccaa | cctnecntaa | nggctggggg | aacnttnaag | ccantccgaa | 720 |
| tagcttaang | ggccctgttg | ggcntttctt | gaanggggta | ccagtttttt | ttcct | 775 |

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (761)

<223> n = A,T,C or G

<400> 3722

```

cngnnnctng ttctttttgc aggatccctc gattcgtttt tttttagaac gtggtcttgt      60
ctctatcctc tggacactgc agcgtagcag taacaacagg tcttgaggc taaataactt      120
ataaacaaaa tttccttctt gaggagctag gtattccgat gtatcttcaa catagtcctg      180
aagttcatat ggcaatcgtc cttttggctt ctgaaatgca gaaggccatc cagatttcgg      240
ccaactagag gagtctgaag gaccagacaa ttgctcagaa acagaaggct gtttagaatt      300
ttctaaattc attaagggca attctggtac ttttctggaa attggcttta agagctcatc      360
ctgcattttt aaaatctctc caactggatc aaatttttta tatactcgtt tgataggttt      420
ttttaaaaca catgactctt caggactaca agcagtatta gtctgggttt ctacagaagc      480
ctgtcctgag gaagaatttg gactagctgg tctggaactt aagttagaac ccacaacagc      540
tgtctttcca tcactattat ttttacattc tgnatcaatg attaaacact cctcatctgt      600
atcactgctg cagagaactg tatcttcagt ttttgctgct tctgatccaa cagtcttttc      660
ctttgagttg gctanggttt ctagaacatt aggnctttca ccatcagcat gtaatatatc      720
tatagncata tcattttatt agaagttcaa tttcttgaaa t      761

```

<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

```

ttgcaaannc cctgtttcna atnncnaggc tactcgttct ttttgagggg atcccatcga      60
ttcgtctaaa ttcattgntt atatttatat atgtccttaa tctcactca cattggccct      120
acaggtagat tcattgctca ctgtcagttc tcttgctgaa gttttcctat ttttctcttg      180
atttgctgaa attccttctc cagtagttta atcaaaaggg actaaatgaa aaaaaaata      240
ttcagttggt gcaagttcaa aaagggtttt agtctttgtg tttgattgac agctttccag      300
catataaaat tcttaggcca cactttcttt ccttgagaac ttcacagatg tcacttctgg      360
ctctagagtt aaatgccccct gtgggaaaaa cttgagctaa cttctatttt ggtacccttt      420
atgaattgat gntttcactt gactgnccaa agtctttttt atttaactgg tcccccttt      480
cttttatatt ttaagtctag ttacttttca tagaaattac ccttggtatt gacagatttt      540
tgn cattttt ccccaaagac atgggtgtgcc ctttcagttc gtatatttat cttcttttac      600
ttcaagaaaa ttttcttgga atgatatctt taaatattta tgttccccta tttgagtttt      660
ctattctggg gatatatgat gggtccttg nagancctnc aaatctgnaa tttctctgna      720
atctctttac accggtcatt tcaatttctt ttgctcactt tctcatctt ggtctcaggg      780

```

<210> 3724

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3724

```

gtgnntnnnn nntttnnncn aaggaactct ttgcnanttn ccctttttgc aggatcccat      60
cgattcgaat tcggcacgag cctagttaaa tcacaacaag ttagtaatnn ataatgatg      120
tgtcctgttt ctcttttagta gaaattatat ttttggtctac cagttaagaa acttgtctcc      180
tttgccctt atgttactat aaactcaaga tgatgagttt tgtggtattt gacttcatag      240
gcaaaatcaa aatttttact ttgttgcata tctgttttat gaaataaact tctgtctatg      300

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| catttgaact | aagtttcagc | aaattcaatc | taaattgaat | aattccagct | cccagtttta | 360 |
| tcctatgttg | ctcataaaac | agttccaagt | atactgcatt | atcttgagat | ttgaagatat | 420 |
| gggtgcccacg | gggattatac | taggcaaagt | cgtaagcag | ctctggccta | gggtgtgtgt | 480 |
| attttaagag | actctatctt | aggagagctt | aagtgattgg | gctgcaggaa | gaagacattg | 540 |
| taacccagga | attaaaaatg | gattcagatt | gcctgatttt | aacactttag | tttcaccata | 600 |
| ggctaattat | gtgacattgg | gcaagagaca | taattcttct | gtccttagtt | ctacatttgg | 660 |
| aaaatagaga | tgatttggga | acttattaat | aagatttttg | tgagagataa | ataaacaaat | 720 |
| ncttttgnaa | aaaaaaaaaa | aaaaactcga | gccttagaac | tntgnggg | | 768 |

<210> 3725

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 3725

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gtncnatnng | tgntantnng | cgncctggcc | taananata | ggntngggcg | tgattctgga | 60 |
| acagagtga | caccaggaga | atctaagaat | ttgggtcaaa | aagaaaatgg | caattacatc | 120 |
| atgtgctcta | ctatatcttc | ctgtgtattc | aaaagtatct | ttttgaaaat | ggaagggtag | 180 |
| atgacatttt | ctccgatctt | tattatgttc | ggttcacgga | gtggctacat | gaagttctga | 240 |
| aggatgttca | gccccgggtc | actccacttg | gctatgtctt | gcccagccac | gtgactgagg | 300 |
| agatgctatg | ggagtgaag | cagcttgggg | ctcactcccc | ctccaccttg | ctgaccaccc | 360 |
| tcatgttctt | taataccaag | taagtgttct | agaggctcca | ctgctggcat | ctgtccagtg | 420 |
| aagagtgtgg | aagctatcca | agaggccttc | tgaattcctc | tgacatatat | ttgagaaagg | 480 |
| gcttggactg | tgaaaagaaa | tgtggccctt | ttccatcttc | aagagagatg | gaattaatga | 540 |
| tggatggacc | ctggagggaa | tctccccagc | ccgactttca | ctgggctgac | agactttgct | 600 |
| gaccacaggg | gaacnatgtt | cntttctttt | cttcatgata | agaacntaaac | ctagcncnt | 660 |
| taatggaaga | aaaatgaagg | gggaacttca | attatgantt | attcaacgac | caantttnta | 720 |
| ttacnccctt | ccttttatga | ccaagntgac | catttnnnat | gttanngtta | aaaaaccttt | 780 |
| cccttgccct | tnt | | | | | 793 |

<210> 3726

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3726

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gnnnnttnnn | nnnnnnnnnt | tttnannata | cagctcttgt | tctttttgca | ggatcccatc | 60 |
| gattcgctga | caagtctgaa | atacatattg | gagcctggta | gactgaaaac | tcaagcaaga | 120 |
| gttgatgtta | aagtcttcag | tctgaaattt | gtagggcagg | agattaggct | ggaaactcag | 180 |
| gcagaatttc | tgtgttacaa | tcttgaggca | taattcttct | ccaaaaaat | ctccattttt | 240 |
| ttctcttaaa | gccttggatg | agccttggat | gattggatga | ggactacca | cattatctag | 300 |
| ggtaatctcc | tttgcttaaa | gtaaaactac | tgtgttaatc | acatcaacaa | aataccttca | 360 |
| cagctacatg | tagtgtttga | ccaaacaact | aggcaccata | gcctagccac | ataaaattac | 420 |
| tatcattata | ctttttctta | tcacatactt | ctaccttggg | agggatattt | cccagttggt | 480 |
| atagctacaa | aacagaggca | gatcatttag | cctgcatttg | attttagtg | aaaaataagc | 540 |
| ctttgggtgtg | tttaaccact | gaaatgttgc | ggtttattag | tatagcacia | cttatcctat | 600 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actggccaac | atagatgctt | tcggttgcaa | gtaacagatc | cccttacagt | ttacaaaaaa | 660 |
| aaaaaaaaaa | actcgagcct | tagactatag | nagtcgattc | gtagatccag | acatgataga | 720 |
| tcatgatgag | tttggacaac | cacacttgat | gcagtgaaaa | | | 760 |

<210> 3727
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 3727 | | | | | | |
| aaacgcttgg | nnnnnnnnnn | ncctttttng | gatacagntt | ctangacaan | agctacttgt | 60 |
| tctttttgca | ggatcccatc | gattcgaatt | cggcacgaga | cttttttaac | gaatggggga | 120 |
| agggatctat | gagaaaggtg | gtatctaatt | tttttatgga | ccataaaggt | ttaaaagaaa | 180 |
| ataggggcac | aggctggtga | ggtttttatg | ttgttataga | cctttttaaa | ttatgttaga | 240 |
| gatgtntata | ggnattttaa | ggtcactggg | agcgtttctg | attcccggcc | acactttgca | 300 |
| tttcaacact | cagcccgga | agatgctcgt | tcggnctgtg | gacctctttc | actccctgcg | 360 |
| tgtaagaagg | tgaatcacgt | gggaaaaagt | gatccttagc | aacgtgccag | gacacttcct | 420 |
| gtgtgcctgc | agttgtcang | gaccatttgg | gatcccgaa | ctcattctct | aaaactgctt | 480 |
| tcttgaaaca | tggtacttcc | ttagtataat | caatgtatac | tcccttactg | gcctgaaacg | 540 |
| ttgtatagct | acttattcag | atactgaaga | ccaacggact | gaanaaaaga | acaaacatta | 600 |
| gctattttat | gctgcaagaa | ccaggacaca | caattcgcca | atcatcccac | catataacct | 660 |
| tcgattggng | cttctcaact | ccaccccata | atttcttcca | gagaccatct | atcanctttt | 720 |
| ccccaaagaa | gaaacaaaac | cngttgcacc | ttaaaccatg | gatatttttt | cctcangggc | 780 |

<210> 3728
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| <400> 3728 | | | | | | |
| tnggcnnnnn | gnnnnnnnnt | ttnnntatac | agtacngaag | ctctttgnaa | tnncnctttt | 60 |
| tgcaggatcc | catcgattcg | aattcggcac | gagatatgct | gaggtcctgg | cctccagtag | 120 |
| nttagaatgt | gactgtattt | ggagatggag | atacagcctt | caaagaggtg | agtaagttaa | 180 |
| actgaggttg | ttaagatggg | cccgaacca | atctcaccgg | catccttaga | agaaaaggag | 240 |
| ttggagacac | agagagagag | gctagacaca | ggcacacgtg | aagggaacgt | caggggaagc | 300 |
| ggcagcgaga | gggtgctgtc | tacagccaca | gagaggcccc | tgaggagacc | aacgctgccc | 360 |
| gcaccatgat | actggactga | cttaccgnct | ccagaactgt | cgaaaagaca | tttctgttgn | 420 |
| ttaacaaaaat | agcagtctgt | agtacttcgt | tctggcagcc | caagcagact | aatgtatagg | 480 |
| gcattagatt | gggcgttaagt | aaaatataaa | ggaacttaag | tattgaatag | tgcagggtgct | 540 |
| gtgaggaggg | atacattgng | ttntgntatt | ggtcatacag | agctagctgn | tacctgaggg | 600 |
| ttcacaatgt | aggntctact | ctaattgctg | tgcttaaaaa | accccaggcc | gggcatgggg | 660 |
| tggtcacgc | ctgtaatccc | agcactttag | gaagccgang | cgggcggatc | acgaggtcan | 720 |
| ganggcnaga | tcaacctggc | caacatggng | aaaccctgtc | tntactnaaa | anac | 774 |

<210> 3729
 <211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3729

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| taatgcttgg | nnnnnnnnnn | gnnnttnaaa | cnnagtttca | aatcgctnng | ctatcgctt | 60 |
| tctgcagatc | ccatcgattc | gcgaggccag | ttccaggccc | actttttgcc | ctgtgagccc | 120 |
| cctgcattnc | tggnttntcc | ttttncaggc | tgctnctcng | tggagcttct | ctatttnacn | 180 |
| tctactactg | tatccatgnc | tntagnnggn | cctntcagtg | atgtngctta | tntccccaat | 240 |
| gacactgatg | ggagctnctt | aagaacangc | tgtntacgga | caaggatgtg | aagtgggtaca | 300 |
| agggaaaagt | angccgntta | ggacctgtgg | gtgtgtcatg | actgtgcttg | tatctcttgn | 360 |
| tagcttttgtg | gccttagggt | caatgctgac | cctttctgag | gctcaagttt | ccttatcttt | 420 |
| aaaataggtta | ttaaaggaag | taatccggtc | catacctgag | cctgggtatg | ccctcctccc | 480 |
| ggacgttctt | gttttctgat | cgtcttcagc | acagacatga | gtaaagtgac | aatgaccagt | 540 |
| cctgtgactt | actgagggca | aggtgttcca | attcagattg | tatactgata | attacacagg | 600 |
| gaaataagag | aaganacaag | ttanaagcct | gnagattata | gatgtttttg | aagaatacat | 660 |
| tnttttgcac | taataaatgt | gaccagtgtt | taaaaagttt | tcagtattag | aggaaatagc | 720 |
| cacccccata | ctacttctac | tactgcaatt | actatttagc | aatttttatt | ntttctttt | 779 |

<210> 3730

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3730

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gnnttttnnat | nccccncttg | caaancntng | gctacttggt | ctttttgcag | gacccatcga | 60 |
| ttcgaattcg | gcacgagccg | gacagagagc | gcaggagccg | cggtaccccc | gcttcgtgct | 120 |
| ggggctggat | gtgnggcagt | tctgtgatcc | gctgccacgt | ctatgaccgg | gcggcgcnng | 180 |
| gtctgcgggt | tccagcgtgc | anaaggtaga | aaatctttat | cctcaaattg | gctgggtaga | 240 |
| aattgatcct | gatgttcttt | ggattcaatt | tggtgccgta | ataaaagaag | cagtcaaagc | 300 |
| tgcaggaata | cagatgaatc | aaattgttgg | tcttggcatt | tcaacacaga | gagcaacttt | 360 |
| tattacgtgg | aacaagaaaa | caggaaatca | ttttcacac | tttataagtt | ggcaagactt | 420 |
| aagagctggt | gaacttgtaa | aatcttggaa | taattctctt | cttatgaagt | agagacaggg | 480 |
| tttcatcatg | ttggtcaggt | tggtcttgaa | ctcctagcct | cacgtgatcc | gccacctcag | 540 |
| cctccaaaat | gctggtatta | caggttcagc | catccaggag | catatgcaag | atactgaaca | 600 |
| gttccgcact | acaaagatct | cttgngttgg | tcttctgtaa | ctatatctac | cactctncta | 660 |
| tacacctcct | accctctctc | attcctagct | cctggcaacc | actaatctgt | cctccattta | 720 |
| aaaaatgttc | taatttgaaa | aatgtatatt | catagga | | | 757 |

<210> 3731

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

```

ggnnnttnna ttccccccct ttgcaaaten ataggetact ngttcttttt gcaggaatcc      60
catcgattcg tgtacatgtt ccagtgggat ggggaagcagc agagaccaac agagtctgaa      120
gaagcaagct tctgagttat gaaagcctgg gttcaggaga ctaacctata tgtaggttcc      180
taggaaagtc cagttaaagg gcctactttg ccactgctgc ctctttctta atgctgaacc      240
tcatctccca caagggggca gtctcagcag gtgtcagctg agccatgtgt catctgtcca      300
ggctaactgc ccacacatcc ttctgcaaag ggtacctctt ggttatcagt gtcactgat      360
ccctatataa tcagactcta atccctgtaa aaagattact tgggtgctagc caagctagca      420
cctttgggtc ttcccaaaca tacaccacta atccagactc taataacttc atttccttta      480
aattacaaga tcagagctga aataggcctt agaaaagctag tctgggctgg gcgcaatggc      540
tcaagggagg cggaggttgc agtgagccaa agactgcgcc actgcactcc agcctgggca      600
acagagcang acttcatctt gcaaaaaaat aaattanatn aattaaaaat ntgaacctat      660
atgggattta acctcttctt ctcaattaaa agttatttta aaaaaaatgg caaaaaaana      720
nnanngnnaa naaaaaaaaa cttcngaccc ttttnaaact nttangnggg gtccnnattt      780
accggtagaa tccnaggn

```

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

```

ggnnnttnna annccntnnt tgcaaatcgc naggctactc gttctttntg caggatccca      60
tcgattcgaa ttccggcacga gnaatcaata tttttcaata gaagtattag aggttttttt      120
tattgatata aaaataacaa ttacagatcc tgatatatag aagttattca aaattataca      180
gttttcaaaa aatcaagaca agtaggccca atacaaacta ctgaatcatc ttctaatttc      240
cctctaaaaa atttatagaa atatgtaagt agaaaaacat tcatcctttc ctctgtctaat      300
tatgatcctg ccatattcca ggcacaagag aaagctctgg ggcttgagtc ttaatagggc      360
tgatagtcca accaggggac agggatatcat aaagagataa ttcaaaactt taagattgga      420
gggtaggtga tggtagaaaa ttctgcggca aacatttggt gatgctcatc atttgttgat      480
gtcatcaaag atcaccaggg cataattata atcaaaatta gttttattga tgcttgctgc      540
agcaagagag actgcacacc actggggtct atgggtgctt ctgagtgagg aggtgttaagg      600
aggggcttgc taagaatttg agcacatgta gctaatttta aggagggctc aagttagcca      660
agggtttctt ctggattgag tgctgtccag aaagtggatt gagtgtgca gaaagtggga      720
gtgattttgc actgggganc ttaattttta tgttgtgggt gggang                          766

```

<210> 3733

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3733

```

aaatcnnacg ctacttggtc tttttgcagg atcccatcga ttccaattcg gcacgaggga      60
aaactgctaa attaaaatac tacattttac ggaaactgtg gagctgcctc cttgatagaa      120

```

```

tgtaggtct gtttttgttg tcttctgcct atgtctcttg acttgtagtt tcttttgttt 180
caaatcactc tgccctcgta tatactttgg ttagactact tttggtgaag cactctccaa 240
tagaagaaca taatgtggtg tcaattgtgt agggatcgcc caagcggtgt ctagcatttc 300
tgctccccag cagaagccat tttatccagc cagagtgtgc cttcacagtt ctagcatagt 360
ctaaactcat tttctcattg ttcatattct ttctctccca cccactctgt cttccctggc 420
aattcaagtt aaattccatc tctcttcttt gagttgctcc cctgaagtaa gatttctggt 480
tcttctggca ttttacctct aaatttatca ataacatggt tattctgctg ttcttaagt 540
cgtgtgtgtg tgtgtgtgtg tgtgtgtgtg agtgatttta atcttctctt gaatttagaa 600
gatgagaatt tagtctttct cctttcccca ttctacatt actcctaaat tgaatcttta 660
atataaaatc atttatttta gtttccagtg tcatcataat tttacctttt ttctactcag 720
gactataatt cccagca 737

```

<210> 3734

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3734

```

aaatcnnnag gctactngtt ctttttgcag gatcccatcg attcgaattc ggcacgaggg 60
tnaatnntng tttganatca tgcccgatn ngacntcaag cnatnaagga actgcctnaa 120
tttgccactg gagaaaatct tctctgagtg gcagatntac taacncagct tttgcnnacn 180
ggtaagggat attatnnnta ccttttntct taaatatnta tcntctttct naaatgttga 240
ctctggattt aggttnnaaa tgggggtgcag ganagctgga ggnccctnct ctgatngaga 300
ntaaatcccc tactntcatt cagacgntaa agngaaatga ttntctggta tctaantcct 360
ggngntgttt tggatntaat accctctntga agngnnaatg actanattct tntgggcatn 420
tnagatgtnt nntaattntt cncctnatnn nctgnagtat cataatcgna gcactttaat 480
gaaagttttc aggcagcca gatcnggatc tcaancttac aangaacacg tatctntgtg 540
ggcttgaggg aatggccttag ntgataagca tctgtcaat gtaacctnga taaactnagt 600
agnntnactg tgnnaaactg angcanntga tattcaaant agnaacntat tcattgtgccc 660
nctntttctt tactccanat gactcttgca naattgaacc nagtggacaa cgcctatta 720
agggtgtccc ananggatgc caa 743

```

<210> 3735

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3735

```

ananctacan gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggg 60
tcagtgttgt aattccctat tctagcactc tcaaaagtac cccatctggt acacatgcag 120
aaactgcagc agcatctgaa atgtccaact cttgattcat tctgaactcc cttaagccca 180
gtgtttgtta gttctcgttc aagtctagga actctgccga gtaacaggta tctcaatttt 240
gccatccttt ctttctgcat agacaggagt gttcttaaact cttctctctgt aaagcaagtc 300
atctctgatt tccctgagga tcattgctcc cgtatactgt tgttgggggtg agccttctgg 360
tagaggggaa gagaatttgg tactaggggt gatagtcagg ttactaaggt tctttatcaa 420
catctcagag cagaagtttt gagaggcccc tgaatcgctc tgggaatttt cttcagttag 480

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cattttttgaa | gactgggacc | agggttggat | taaacttttg | tgatgggtcc | attgtgtctc | 540 |
| aacacaacac | tgagcttctc | ctggatcttt | gaaacccagc | agaaactgtt | gctggactct | 600 |
| caaattgcc | caaggtagac | cagaaagagc | ctgaaaaccc | gaactccaac | catctttttc | 660 |
| tttccttttt | aatgcagaca | tggtgttgct | atgttgca | gagcccgaga | tcgcaccact | 720 |
| acactccacc | tggcgacaga | gcg | | | | 743 |

<210> 3736

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3736

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| aaatcgctng | gctactcggt | ctttttgcag | gatcccatcg | attcgaattc | ggcacgaggt | 60 |
| aagcaatgtg | ggaaagcctt | cagatctgcc | tcaatccttc | aaatgcatgc | tgggactcac | 120 |
| cctgaagaga | agccctacga | gtgtaagcaa | tgtgggaaag | ccttcagatc | tgccccacac | 180 |
| cttcgaatcc | atggtagaac | tcacactgga | gagaaaccct | atgagtgtaa | ggaatgtggg | 240 |
| aaagccttca | gatctgccaa | gaaccttcga | attcatgaaa | ggacacaaac | acacgtaaga | 300 |
| atgcactctg | tagaaagacc | ttataaatgt | aagatatgtg | ggaaaggctt | ttattctgcc | 360 |
| aagtcatttc | aaatacatga | aaaatcttac | actggagaga | aaccctatga | gtgtaagcaa | 420 |
| tgtgggaaag | cctttatttc | tttcacttct | tttcgataac | atgaaaggac | tcacactgga | 480 |
| gagaaaccct | atgagtgtaa | gcaatgtgga | aaaaccttca | gatctacctc | acaccttcga | 540 |
| aaacatggta | ggactcacac | tggtatagaa | ccaaagcagg | tgaatcacct | gaggtcagga | 600 |
| gttcaagact | ggcctgatca | atatgatgaa | acccctgtct | cttctaaaac | tacaaaaaatt | 660 |
| tggccaggcg | tggtggcctg | gcttctgnaa | tcctagctag | ttgggaaggc | tggcacagga | 720 |
| gaatcgcttg | gatcttgggg | ggcanagg | | | | 748 |

<210> 3737

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3737

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ggnnntttcaa | anccgnnttc | aaancnagct | cttgttcttt | ttgcaggatc | cctcgattcg | 60 |
| aattcggcac | gaggtttttt | aaagaacttg | ataaattttac | cttaaaattt | aaataaagta | 120 |
| tactgaataa | ctaagtcaac | ttagaaaaaa | aaaagtgtta | tctaagacaa | gttacaaagc | 180 |
| catcaccaaa | gcccattgat | cggcagacga | ctacaagcat | agggtcagat | ccatctataa | 240 |
| atgagagcct | gacatacttc | atctatagca | aacatgggag | acaaatcagt | ggtaaaatga | 300 |
| tacagtgttt | gggaagtgtt | atttgaaaga | tgggcttatt | taatgtatac | agatgaactc | 360 |
| aattcctctg | taatagaaac | ttgttctcca | gagagattat | agatctaaat | gcaatgaaga | 420 |
| aaataccact | ataaatttag | tactctttat | tgtaattatc | cccaatgggt | atttttactt | 480 |
| tctcaacttc | tagatgattt | tccaagtttg | tctagtatct | gagttaaaac | aaaattttta | 540 |
| actttcttat | aaaacatagc | gtgcccccat | tttagttcat | tttctacata | gaaataaata | 600 |
| aaacacttag | ataacagttc | agaaatagtt | aattaaatat | atcccagatt | ccccacgac | 660 |
| tggaaaaaatt | atatcttcaa | aatacttctg | tctggtggat | atgtgtcttc | taaaaaaaaa | 720 |
| aannnnnnna | aaaaaaaaaa | cttcggncct | ntagaacttt | aggngnctc | | 768 |

<210> 3738
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3738

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| gnnnnnnnnnn | tttnnnnnntt | tgaanccctt | tgctctngnt | ctttttgcag | gatcccatcg | 60 |
| attcgtgacg | agcgactgta | gacgttgcca | gcatgtattg | atcaggagca | gcctgtgagt | 120 |
| caagactgac | aacagatcaa | taaattggctt | ttaaaaagca | aaaccctca | agctgtttat | 180 |
| ctaggaagcc | tgacaaaccc | tgcccgcagt | ggtgtggccc | catgtgtccc | cagggcctgg | 240 |
| ggcccacctc | tgccccagaa | gtcctcttag | tgtctgtaga | caggtcccat | ttccaccagg | 300 |
| tcaaccaggg | ctgtggcagt | ggacctggat | ggcaggcaga | gcagaggacc | gctgttctat | 360 |
| ttgttgaagc | aacgaggcac | agtgactgtt | ctagcacagc | tggtgtgag | aaatggcgat | 420 |
| gatggatcca | cttttagatcc | gaagtcttag | caaactcagg | cctcttttcc | acagagaatg | 480 |
| ttgtgaagac | ctgggaatga | gctgttgatg | tgcattttta | ggatgacagc | ataatggaga | 540 |
| aaatttggaag | tagcatatgc | caaagtatga | agtgttcaca | cagctccctt | gggttggtga | 600 |
| tttatgggaa | gcttttttct | cctttatact | tttatctact | ttctaaatct | gtcaatatgc | 660 |
| ttngtcttc | tatgaacaag | aaagaaaagt | ttaaaaaaa | annnnnnnnn | nnnnnnnnnn | 720 |
| naaaaaaact | ngagccttta | aactntnggg | gncgnnttacc | taaatccann | | 770 |

<210> 3739
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3739

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|-----|
| ggnnnnnnnnn | nnntngggca | hanggaaacc | cntangcaan | cnactganag | aacccttggg | 60 |
| aaggacccca | ncgaancgaa | ngcggcacga | gacanacagn | nnannantta | cacaccgggg | 120 |
| ntggngngang | aataangagg | annnaangag | cccctnccg | aggnngcccn | aagncngcag | 180 |
| aagacaaaga | nccnggnncc | aggccangaa | aggactgaag | naaananngn | aaanaagnac | 240 |
| agcngaccct | ngaacaacan | ggagggnnagg | ggnncagnng | aaaancngca | tgnaagngga | 300 |
| ccngngcagn | ccaaaccnga | gngnaacngc | ngaatanaaag | gggcnnccnn | cngcncanag | 360 |
| anagnaccca | natnnacaaa | catgctagag | aaaagcaacn | ggggnaaaac | nngccccac | 420 |
| tagagaaang | gacaggaggg | annaagncac | ngggaaagan | aganagcaga | actaagcngg | 480 |
| gnaaaagccc | angaaagggn | gganacnana | aagnagccaa | aacnacncna | gcaaagcann | 540 |
| nnaaggcaga | aaacnggggc | aanagnaacn | aacncngggg | gccaccnaaa | aannncanaa | 600 |
| cagggnaaga | ancacanann | nnacancang | caaaccancc | nnacagaggg | agcnnaccnn | 660 |
| gggaagagcn | nnnaaanggn | acaggncann | nnagaagagn | aanaccnnca | ggcaaaaangg | 720 |
| gacccaaggg | acanagaaan | acaaannngg | nnnnncacac | acngaaaaaa | anngaagcaa | 780 |
| aac | | | | | | 783 |

<210> 3740
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3740

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| ttatanatac | agctcttggt | ctttttgcag | gatcccatcg | attcgtttta | acagtgtgcc | 60 |
| tttggggagg | gacccatgtc | catggcttcg | ttgagggcca | tccatatgcc | agctgggggg | 120 |
| cagcccacag | tggccatatt | ggctgcagca | ggaatgggtgc | ccacctcggc | gaattgaagg | 180 |
| gctaagagtc | ccagatagct | aggccagagc | tggaagcaga | cagtaagggg | aagagctgct | 240 |
| cccacaggag | agggagagat | tccagctcac | tgcgcagcct | gggaggaggc | gtggatcctg | 300 |
| gcacgctgag | cctcaggcac | cagcctccct | gtgctcgaca | gcaaagtctt | gactccttcc | 360 |
| tgctgagcac | tgtgctacct | tcactgctcc | aaagccagac | taacagctct | ccaagccctt | 420 |
| ggggtgactc | ggcttccagg | agctgttgga | gaaatgagga | tgtctgtccc | tgtctgcttg | 480 |
| ggcaggccag | attcctcccc | agcagccggg | tctctccaga | ccctgattcg | gtgcctttct | 540 |
| gtttaccagc | tacttcaatc | ccaaagtctt | aatctgcaga | taccttactc | ccagccactt | 600 |
| tgccttctta | ctgtgttggt | tgtttttcc | gggtgcttcaa | gancgtgtgc | anggcaaagt | 660 |
| gcccgtcact | gggaactgca | ccagatgctc | agacttggtt | gncttatgtt | taccaataaa | 720 |
| taaaagtaga | cttttttctaa | aaaaaaaaaa | aaaaaa | | | 756 |

<210> 3741
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3741

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| tnaatataca | gctcttggtc | tttttgcagg | atccctcgat | tcgaattcgg | cacgagactc | 60 |
| tctctacaac | tgacagagta | aatagacaaa | aaatgtatgg | gggatatgga | atattttatc | 120 |
| aacacaagta | aaaagcttga | tctaacaggt | gggtggggcca | ttctancnac | cannngaccn | 180 |
| gnatntaaan | cnnatnangn | tncatccana | ttcattgttg | cntntnnnt | antgatntct | 240 |
| gtntnanttn | tcanntntac | antnnancnn | tnntnnnacn | naacagncac | tannaggtcn | 300 |
| annnagctnn | aattnanncn | tnnnannccn | tnnctncnt | nattntnnnt | nnntntnncn | 360 |
| anactnttnc | antatnatan | ngnatcntnt | actnttnntn | nnnnantanc | nnnnnanngn | 420 |
| ntntntnta | ctanngnncc | tanttnannn | atcnnntnt | ntacatctnt | nctactnatn | 480 |
| atnnncannt | natatatnnt | nntnnnnatna | aaggantnt | ntncnnantn | cntnnnnana | 540 |
| natnctnatn | nnccntannn | nntnannttn | nnnaananna | tnnnnancnt | tannnnnnnn | 600 |
| nnnnannntt | annnnnnnt | nnntnttnnn | ntnnntnnnn | nnnnnnnaan | nggnanannn | 660 |
| nnntnnnnca | attntnnnn | annnnnnnnn | ttannnnnnn | antannnnat | nnntnnnnna | 720 |
| ntnannaant | ttnannttna | n | | | | 741 |

<210> 3742
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3742

```

atacagctct tgttcttttt gcaggatccc atcgattcga attcggcacg aggaccacct      60
acggaaaact gagggccaca taagctcgat tggttgtacc tccaacagat atttattaag      120
cacctactaa atactgagcc cattgcaagc accagggag cctctgtgaa cagcacaagg      180
tccctgctct ggagattctg cttcagtggt ggagacagaa aataaacagt tccccgtcac      240
caatttttct tgggaattgga cagatggcag ccaccataat gatactatat gtgtccaagc      300
taaacaaaat cattcacttc cctgattttg ataagaaaat tctgttaaag ctgtttcctc      360
tgctctcct ctacgttggg aaccacataa gtggattatc aagcacaagt aaattaagcc      420
taccgatgtt caccgtgctc aggaaattca ccattccact taccttactt ctggaaacca      480
tcatacttgg gaagcagtat tcaactcaaca tcatcctcag tgnctttgcc attattctcg      540
gggcttttcat agcagctggg tctgaccttg cttttaactt agaangctat atttttggat      600
tcttgaatga tatcttcaca gcagcaaatg gagtttatac caaacagaaa atggccccaa      660
ggactaggga aatacgggta cttttctaca atgnctgctt catgaatatc caactcttat      720
tantagngct tcaactggaga actgc                                     745

```

<210> 3743

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3743

```

tnagatcagc tcttgttctt tttgcaggat cctcgcattc ggtacaactc ttaaagcttt      60
ctacatttta catatacagt catctctcag catcccgagg aagattgggt ccaggatggg      120
ctcaagggtcc tgatataaaa ttgcgtagta tttgtatata acctatgtac atcttctcgt      180
attctttaat ctctagatta cttataatac ctgatactat gtagatgcta tgtaaataat      240
tggtatactg tattattttc aaattgtttt attgctattt ttattgcttt tccctgaaat      300
atttttaatc cacagtaggc ggatgcagaa cctctttata cggagggtcg actgtgtagg      360
agtgaagctag tttcagttaa agcagcggtg gttggtactc atctctcacc tgccccacg      420
tagtgtagct agggcatcag ggagtactga tctctggcat catctgggat caacaggatt      480
ttctgcctc acaggcctgt gagcacatta gaaatacacc tgctcagctc aagtc aaagt      540
gagaagcttt tgaatggagt gataaccgag taggcagtat ctaaataaag atgattgggt      600
caagtctcag tggacaaatg tgtaccgttc tattactgnt gactgtgact ttgaagtata      660
tggngttcat taagcaaadc caatctgac gtatgaaaag agcaccacca aaacccaaat      720
gaaaccattt atcaggactt ttgnagctat gaaa                                     754

```

<210> 3744

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3744

```

tnagatcagc tcttgttctt tttgcaggat cccatcgatt cgaattcggc acgagctttc      60
tctggcagtg attcctgaag ggaaaatcat gaacaacacc tactaccagg aatgcctctt      120
ctacctgcac aactatagca ccaacctggc catcatcagc ttctacgtga ggcacagctg      180
cctgcgggaa gctcttctgc acctctcaca caaggtggga catggacaca gctcaaaaag      240
gcagtgcctg ccttactcct ctggcttggg ccactcagcc ttaagcggga caataacccc      300
ctgacactta accctgtggt gagctatggg gccatctcta gcagagtcaa gtcaaaacag      360

```


| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gggactctgc | acaactgtta | ttcagtgagt | gtgaaaagtc | ttagcctaga | tcccaaatca | 420 |
| ctgcccctcac | cagcaaaggc | atgtttcatt | ccttctgcc | aaacatgcag | cagaatcgga | 480 |
| tagtggttaa | gagcatgtct | ctggaatgag | atgctcagtg | tgagtcttgt | gtggccttgg | 540 |
| gcatattgct | tagagtctgc | ttccacgcgc | ctccctacct | ggcctgggat | ggtgtccagc | 600 |
| ttctgaccca | nctgctggtc | cattcagagt | tgttactaca | agggccagga | agtaaccatg | 660 |
| gtgcaaattc | tatagttgaa | ccccaaatag | atgatgaaag | aagaaaaann | nnnaaaaaaa | 720 |
| aactcgagcc | tntaaaacta | tagtgagtcg | tt | | | 752 |

<210> 3745

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3745

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gnnnnnnnnnn | ttngnnntnt | gaagccntta | ntganttccc | ttttttgcag | gatcccatcg | 60 |
| attcgcagca | tccacatgac | aggcggcgcc | gaagggatcc | tgcccctgac | tttcatnagc | 120 |
| tggtgaacca | tctggaattc | acaggcctgt | catgagagac | acgatgagaa | gtccttaaag | 180 |
| gtagatcact | gattcacagg | ggagcaggcg | gaggcaagg | tgagtcagtg | cttggaactc | 240 |
| agtcattccag | atttggtctc | ggaaacttct | gaagctgtag | cctttgggga | tccctgactg | 300 |
| cgagtacagg | aagccaacgc | tatgtggtct | tctggaaact | cattatcttt | ttcactggtg | 360 |
| ctatctggga | aaaacagatg | aaaacctgaa | ggtgttctgt | atgtgtgctt | tcaaaagcaa | 420 |
| ggatctggcc | ggacgcagtg | gctcaggcct | gtaatcccag | cactttggga | ggccgaggca | 480 |
| ggaggatcac | ctgaggtcag | gagtttgaga | ccagcttggc | caacatggcg | aaaccatctc | 540 |
| tactaaaagt | caaaaattat | ctgggtgttg | tggtgggcac | ctgtaatcac | agctactcaa | 600 |
| gtagctgagg | cagaagaatc | agttgaaccc | aggaggcana | ggttgcantg | agcagagatc | 660 |
| acaccactgn | acttcaacct | gggtgacaag | aatgaaactc | cgtctcaaaa | aaaaaaaaaa | 720 |
| aaaaactcga | cctttaaact | atagttagtc | gtattacgta | natccagann | | 770 |

<210> 3746

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3746

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gnnnntttnnn | nnnnncnnnt | ttcnaatagn | nagctacttg | ttctttttgc | agggatccca | 60 |
| tcgattcgaa | ttcggcacga | ggctatgtgt | tctgactttg | ttgattcaaa | taagtaagct | 120 |
| aaatcaattt | aagccattaa | taggtttata | aagttatttg | ctatgtgttg | ttcttacatc | 180 |
| attgattcat | gtaagtagac | ttgtgtgaca | gctaattctt | aaaaaattat | gaagatgtta | 240 |
| gacttctttt | gatatatata | tggttgattgt | atgaacagat | tgacatcaat | atacttatct | 300 |
| attataaaaag | atttgagtgg | gaactcacca | aatcccacac | caaaaaaatt | taaaatttta | 360 |
| ccatagtaaa | aaaaactaaa | aagcaagatg | aaattatata | tagttcttgg | tgtagtattt | 420 |
| ttaatttttta | ttattttatt | ttatagaaat | gggtgtctac | cattttgcca | ggctgttctc | 480 |
| aaactcctgg | cctcaggtga | tccgcctgcc | tcgacctccc | aaagagccag | gattataggc | 540 |
| atgagctacc | atgcccggct | agtgtagtat | ttttaaattt | tacttaatgc | tgagccattt | 600 |
| tcaaataacc | tcatcacatt | gattatgacc | tcatgcaaga | accatctggt | ctatctttca | 660 |
| gtgtagttgt | ctttaatatc | ttagaactat | tgcattctgn | ccttttttgg | gaatggttta | 720 |

<211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3749

| | |
|---|-----|
| gnnnttnnnn nngnnnnnttt aaaatacagc tcttggttctt tttgcaggat cccatcgatt | 60 |
| cgctgtagtc ctatttttgcc atatgacatg attgaaatca acacctctta gaaatagttt | 120 |
| tgctgcctca taattgatta ccatcatgat aacctgtagt cagtgtgaaa tagagataaa | 180 |
| aattaatgta cttagttaaa tgcatatgaa ggtctaactt tgttccagag ttactcttac | 240 |
| tggattattt ttagattttt attaacatta ctggtctcta actttactca gtctggataa | 300 |
| gaaaaagaat accatgcaat tgttaactat ttgatgttta ctagattaac tattaatata | 360 |
| ttgttggtgt ccatatttaa gagttacttt gttactagag atttcattat agtgggtgtt | 420 |
| aatatagttt tgggtatttt taactaaaaa tcattgttat ccttcaactg tagattctac | 480 |
| tatgaaatga ggaataatca gcaatagaat taattgggtt caaagtatat aaataatgat | 540 |
| gtgggaaagg gaagtcagag ggtatctctg gaagaactga tttatctgaa ggtaactg | 600 |
| agtgaagaaa cctaagattg tagacaaagc atgctttatg caattttgct ggtcatagta | 660 |
| gtagtagagg ctctataaat gtgttggttg tttttggttt taaagagaca gtgtctcgct | 720 |
| atattgcccc aggagttaa agctgcagtg ccctgtggtt gcacctgtga a | 771 |

<210> 3750
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3750

| | |
|---|-----|
| tgnnngtttc naatagnnag ctcttggttct ttttgcaggg atcccatcga ttogaattcg | 60 |
| gcacgagggtg aattcctcag caccaagttg tttaacacag aagagagggtg gaaacaaaaa | 120 |
| atgcttggtt tttactggct ttcttttagc atttctgtct agtcgaaatg ggggccaggc | 180 |
| ttgcacacat agacaactga attaatgtaa ccggacctat tccatctagg ctgacctctt | 240 |
| gaaagatagg aggggaagtc taaaacagga gaaaagtgtt agaaatcctt tggattaggc | 300 |
| ttaccagat tagtggtatg taaaatatta tgatattctt agtgtttcag gattatggat | 360 |
| tttagtaaaa gcagaaaaaa ataaattctt gtttaactga atctataatg gcaccagtgg | 420 |
| tttggaacaa tttctgagtt acttgatttt atgtgaaaaa atctggaata acttttctt | 480 |
| ttttccttta gaccattttt cttttattta acctaatccg agccacttta taccaatttc | 540 |
| aacaatatat ctgaattcct gtgatctttt atttcctttt tgctgctttc agctgtgttt | 600 |
| ctctccactc taagctcatt aaagttaaaa aaaaaatagg agattggacc catttttttt | 660 |
| cttgaggagt gtggccgttt aacacctgtt ggtggctcag gatattttta gtagtatttt | 720 |
| cagctttcta gaantggttg ncttanttag naaatagtta tnggaa | 766 |

<210> 3751
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3751

```

aggtcctcttg nnnnctantg aagcctttgc tactagctna gctcttggtc tttttgcagg      60
naccatcgga ttcgaattcg gcacgaggca tagttggaag ttaagggtga aaagagagat      120
aggggaaaaac aggtggaata atattgaaaa ttggatcaag aatatagggtg taggcgttag      180
ccatctttatc ctgggagaag ggaggaaatg aaatanaaac aggaatagat agacgttttg      240
aggcgaaagg aatgaatcca gcatgctctg tttagttagt tagatgagat cacctgggaa      300
ggcatgaatg ggcgggcaga gtggggtagt gacttcagaa gagtaataag ggttgaaaag      360
cactgctggg tgagggggaa ggaatgtcca taacctgact ccagcttcct ttagaataat      420
taacacacgt tacactcctt atttaaacag agatcccaag atcagataaa tccataatta      480
cttatttggt gtaccacaa aatactatag gggctctgct actttctctt gaaagcatcc      540
ccttggtaat tattctttta tgttctctta attgcatgct ngagaaagca tctgttagat      600
gcaactagtc tttagaccct gaacacctgc agatcttggt gatgcatgcc caagttcaga      660
aagctctgaa agaagttgct ttaaaganga taggccatgg cttttcagat acngaccttg      720
aatctgtagt ggttcctang tttccaatcc taacattacc cacttggtaa g              771

```

<210> 3752

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3752

```

agtnnttnnt ttttgactcc ttgctggnet cttgttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgaggccaca tagcaatggt ntaactgcag gactcaggtc cacttgccca      120
gcagctggca ggggaagggcc atgaggcagt agagtccta caggccaaga aactgagcag      180
aaccatgcc tccagctcac cagctgcatt gaagcccca gctggcaggg agactgctgt      240
gaatggacag ggtgagctca tccccttgaa gaacattgag ggagaattgt caagtgctat      300
tcacatgacc aaggatgcca ccaaggaggc tctacatgcc accatggacc tcaccaagga      360
agctgtgtcc ctgactaagg atgccttcag ttggggcaga gatcgaatga cctccaccat      420
gcacaagatg ttgtccctgc cccagccaa agtctggtoc agaactctgtt ccacaggatc      480
tctttcaaat gtctcagata atgctggtgt tcaagggagc cctcttgatga ataattatgg      540
ccaggggtca ccagcagcca acagttcaat ttcaccagg ccctggaccg ccaaacagct      600
actcanctgc ttaactggcc cacaagtaca gaccagagac aaagcaagag aagaagcaga      660
gactgtttgg ccggggcccg agaagaagct tgctggcnaa ggggacgttc caacgaagag      720
accactgtcc ttcgagcagg anttaca                                747

```

<210> 3753

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

```

ggatgaacat ggcacatcat gattagaaaa ccaaaattca tttttgatgg ctgttggtgn      60
cagatcgtgt cctctaaaat ttatgtgctg gaaacttaat ttctagtgtt aacagtgccg      120

```

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| agaggtaggg | gctttgggaa | agtttaaatgg | attaatgccc | acataataagg | gcttggttggg | 180 |
| gggaattttgg | gctctttgtt | gccccctcca | tcctttctac | catgtgagga | cgccacactc | 240 |
| ctcccccttg | gaagatgcag | caaacaaggt | gccatcttgg | aagcaaagac | taagctctta | 300 |
| ccacacatcg | aacctgttgg | tgccctgatc | ttggactccc | agcctacaga | actgtgagga | 360 |
| agttaagttt | ctgttattta | taaaattacc | aagtntcagg | tattgtgtna | tagcaccata | 420 |
| aatggactaa | anacaatgcc | aaaggtggca | cttgccatan | aactgctgcc | gatgatatca | 480 |
| actctttgct | ttccagagtt | aaagctttgg | attctgatgg | ggttgattct | cttttgtgtg | 540 |
| ggacccttgt | actggttntc | attataatag | ttcttttcta | atntttaagc | cgggcccca | 600 |
| tggctcatgc | ctttaatccc | agcactttgg | ggaaggccaa | ggcnggccn | attcaccagg | 660 |
| tccaggagnt | caagaccatn | cnn | | | | 683 |

<210> 3754

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3754

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tcagctcttg | ttctttntgc | aggatcccat | cgattcggct | gcacagtggg | aagggcactg | 60 |
| ggctggaagc | cctacccatg | tcagggaatg | tctgggcctc | agatttttat | tttctagaat | 120 |
| gaagatactt | accccccaat | tgctgagata | tttgaataaa | agtatatgtg | aaggattttg | 180 |
| taattataga | atgtcctaca | aatatgagta | gttcgtttgc | tacttttttg | gccaagaaaa | 240 |
| atattgggat | gcatgaataa | tatctaccta | aggtaacctaa | ggttgatttc | atcccattta | 300 |
| ttgaatgcca | aggatatacc | agctactgct | ccagatgttg | tattcagggg | acagaagaag | 360 |
| agtcctctgt | cccatggagc | taacagcatt | ctagggggagg | aaagatgggt | cagctgactt | 420 |
| tcacgatctc | aggtactgat | gaagattgtg | aagattatta | catcaggtga | atgtaggggt | 480 |
| gatttagaga | aagctggtag | ctaggctgtt | caaggaaggg | cctctgtgag | aaaggggatg | 540 |
| gttggctggg | tgtggtgggt | cacgcctata | atcccagcac | tttggggagg | tggggctttg | 600 |
| agaccacctg | ccagcatgga | gaaaccccg | ctctactaaa | aatncaaaat | tagcccgcca | 660 |
| tggtggcaca | tgcctgtaat | ncangctacc | tgggaggctn | angccgggag | aattgcttga | 720 |
| accccgggag | gcaaagggtg | taattgagcc | ct | | | 752 |

<210> 3755

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3755

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| naatancagc | tcttggttctt | tntgcaggat | ccctctnttc | gaattcggca | cgagtatcac | 60 |
| agtttgtaaa | cgggtgtttt | tgtccttggt | attgaagtat | acaactctgc | ttagccaaac | 120 |
| ataccaagca | acagacagaa | gcgtcacttg | gagagaagaa | gaaagggtta | actggcagag | 180 |
| ctactgtaaa | agaaggatag | aggagggtaa | gtttgaaagt | ggccatgggc | aagaattttc | 240 |
| tccagatagc | tcttgattat | aatctctctc | acctggatta | tttcccatct | cctgacagtt | 300 |
| tgttctcaca | taactatcag | cagtcctctc | aacacagaat | cagaccatgt | ctctcctctg | 360 |
| ctccaacct | ctgaggctct | ccatctccct | ctggataaca | ccctgcatga | cctggccctc | 420 |
| ctatcccact | gctcctcacc | gcgctcattc | caactctcct | gttctccttg | ctatttttca | 480 |
| tatgggcca | gcaagcacgt | gcctcacaac | ttgtgctctt | ggcgtctgtc | tgcctgaaac | 540 |

```

tttcttgcc caggtagtct catggtttat gccctctcct ctttcaagac ttggttcaag      600
tgtcaccatc tctgtgaggc cttctcagat cacctagtc tgacacatac tagccttctt      660
tcctactttc tncactgnac tcatcatctg ctaatgnct actgggtgca tattgcattt      720
aatgnctgtc ccgttggtca tgctggtttg gggngggggg      760

```

<210> 3756

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3756

```

ttncnaanat cagctcttgt tctttntgcg gatccctttn tncganttcg gcacgagga      60
atgtcaggcc tctgagccca agccaagcca tcgcatcccc tgtgacttgc atgtatacgc      120
tcagatgggc ctgaagtaac tgaagaatca caaaagaagt gaaaaggccc tgccccgctt      180
aactgatgac attccacatc tgtgatttgc tctgccccca ccttaactga gtgattaacc      240
ctgtgaattt ccttctcctg gctcagaagc tccccactg agcaccttgt gacccccgcc      300
ctgcccacca gagaacaacc cccttgact aattttccat taccttccca aatcctataa      360
gatggcccca cccttatctc ccttcgctga ctctcttttc ggactcagcc cacctgcacc      420
caggtgaaat aaatagcttt attgctcaca caaaaaaaaa aaaaaaaaaa aggataacaa      480
cctgcttggc aagtttgaac tcacaggcat acctcctgca ccccgaggtg ttcctcagat      540
tgaagtcaat tttgacattg atgccaatgg tctcctcaat gnetctgctg tggacaagag      600
tacgggaaaa gagaacaaga ttctatcact aatgacaagg gccgttgaca aggaagacat      660
tgaacgtatg gccangaagc tgagaagtcc aaagctgaag atgagaagcn nanggacaag      720
ngtatncaag aattacttgg tctatgcttc aaaaga      756

```

<210> 3757

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3757

```

tnnannatca gctcttggtc tttttgcgga tccctctatt cgctcagaac cactctgtcg      60
tttttaagca gggtcacaca ctctagctca ctgggtccat tttaatttct attaaacatt      120
tttttttttt gcaaatgatg tagtaggaga tccaagggtg ttggttaatg atttattcac      180
tcattagtca ttccacaaac ttgtcttgag cacctgttat gtaccagca ctgtgctgga      240
atgctgagga gacaggagtg aagtaaaaag acatggttcc ggcaggaaac aggcaaggag      300
agccttgact tgacggagtc tggctatata gccaggctgg aatgcaatgg cgcgatctct      360
cctcactgca acctccgect ccgggttca agcgattctc ctgcctcagc acctcgagta      420
gctgggacta caggcgcgcg ccaccacgcc cagatgagaa aactgaggca cagagaggtg      480
aaataagtga gatgctacct acctatgcag agctggaaaa gattttgcaa cctgaaaacc      540
caatcctttc tgagatataa aagaacagaa gactctggaa gtgatttctt cggagaaatt      600
cattttctta ttccagagaa gaaacttcaa gctcagaata ttggctacta cctgngataa      660
acatttaaat tattgggaac cagagagttt ttatactaaa ttgnaagaa caattttttt      720
atcaaagacc aancccgaaa ttcttgaccc tcttgggatt tca      763

```

<210> 3758

<211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3758

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttgaagccct | gctctngttc | ttttgcagga | tcccttttnc | gcttcggcac | gaggtgtagg | 60 |
| cccncatcgt | ccctcattac | tcgggtttca | tattttgctg | nttttgatgg | acatggaang | 120 |
| aatncnagcc | tcaaaaannng | ctgaacannn | ttggcatcaa | aatttnntca | gaaaatttcc | 180 |
| taaaggagat | nnaatcaagg | gccnnaanac | cgcnaanaga | tgctcttgn | acactaanca | 240 |
| agcatctnnt | gangagnnnc | ttaaacangc | ttccagnacg | aancctgcct | ggaaagatgg | 300 |
| gtccactgcc | acntntgttc | tggntgtgga | cnccttntnt | tatattgcca | acctcnnnna | 360 |
| tagncgggca | aacttgtgtc | gttataatga | gganagtcag | aaacatgcag | ccttaagcct | 420 |
| cagcaaagag | cataatccaa | ctcagtatga | ngagcgnat | gaggatacat | taaggctgga | 480 |
| ngaaacgnta | gggatgggcg | tggtgncggg | cngtgctata | gggttnactc | tgcatagnng | 540 |
| acgtcagacc | agnactttcg | atttaccctn | tgatnngccg | acatnagant | tctgcccngc | 600 |
| tgacacccaa | ttgacangnt | tnntttncat | tnncttgta | tatanggcnc | ttaaanggat | 660 |
| ttctctntcn | ngatnatanc | ctattnnccc | tnatacntng | gtntatncta | ntnnntntng | 720 |
| cntnanttnt | cncttganct | anctcntaaa | cnttnggnaa | ntctttttan | ctctctngta | 780 |
| ngtcttattc | tctantatt | nccncc | | | | 806 |

<210> 3759
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 3759

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttcaaatecc | nagcttctaa | gttctnttgc | aggatcccat | nnattcgaat | tcggcacgag | 60 |
| gcttcgtgtg | ctactgcgaa | ggggaggaaa | gcggtgaggg | ggaccgcggc | ggcttcaacc | 120 |
| tctacgtgac | cgacgccgcg | gagctttgga | gcacctgctt | cacgccggac | agcctgncgg | 180 |
| ncctcgtggg | taactgggcg | ggtctgggag | ccgtcacacc | cctccttgca | ntgcagatcg | 240 |
| tctatggggc | gacagacatc | tgggattccc | cagaaggctc | tgacaccctc | tgcccgcctt | 300 |
| gtagctgnag | tcctcccatt | ggctagggct | cttggggctg | ggcagggttn | gggtgcccc | 360 |
| agtgggcctc | gggttncagg | cagctcgtga | caagcccctg | ngctctctag | aaagcccgtt | 420 |
| ntggcctgag | tgcnngtgag | gacatnacc | cccggttcag | gtgagaccca | acagggagga | 480 |
| aggacngatg | ggnagganga | ngggtctgcc | acagctctcc | cgtacctttt | ctatnccagg | 540 |
| gcagcctgtg | agcagcaagc | ctgtggctct | gacttctgca | cgaangacan | aagcnattcc | 600 |
| ttgacgcttt | tcaagggggg | ccctaancac | ttggcctttg | gacctcttca | angntaccag | 660 |
| gccccaatag | gcnagcccc | aangctgang | ggcgccttta | cactggggcc | tnggcaaaaa | 720 |
| cncgtnttgg | aaccttgtaa | cnggnnaact | ggnaagcttc | acnaanaaga | caatttntta | 780 |
| nncccnnggg | aaaaagcccc | cc | | | | 802 |

<210> 3760
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3760
 gnnnttttnan ntancagttt gaaacccttg gcggaccctc gattcgaatt cggcacgagg 60
 tgtttcttct acctcccctg cacaacattg tttatatgct tnctaaaatg taacttcttt 120
 agattctgtt gttacgtgca acactgtata tctctccata gcacttaatc agagtttgta 180
 attaggcatc tttttgtgtg attatttggg aaatgtccat atcccctact agcctataag 240
 ctccatgact tctaggtacc ctgtctgact acgtgtatca ctgtttctac cgcctaacat 300
 tgcctagcac attcattgct tcacaggcat ctgaatatgg ttttataaaa tacattgctc 360
 tagtgcacag gattttaagc taaggatttc atgaatggga tttggggtag gggcatctat 420
 gaaattcctg aaattgtgta gaattttgag aatatgtgtt ttcttgggga tagagtatgt 480
 agtttctcag caactcatta cagtctgtca catcatgccc taattctact tgcctgtagc 540
 taaacaccta ataacattag aactgaaatg atagtgatat gcaagatagc acgtgtgggt 600
 tccacatatt ctaagaggca tcttcaatta gattccaaaa aaaaaaann nnnnaannnn 660
 naaaaaaact cgagcctnta aaactatagn gagtccgatt cgtagatccn gacatgataa 720
 gaancattga tgaagtttgg acaaaccnca acttggaatg ccntggaaaa aa 772

<210> 3761
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)
 <223> n = A,T,C or G

<400> 3761
 ttttaaganca gctcttgttc tttttgcgga tccatcgatt cgaattcggc acgagcctcc 60
 accaaccccc cagtcgtctg ggatggacaa ccatttggag gagctgagcc tgccggtgcc 120
 tacatcagac aggaccacat ctaggacctc ctctcctcc tctccgact cctccaccaa 180
 cctgcatagc ccaaattcaa gtgatgatgg agcagatacg cccttggcac agtcggatga 240
 agaggaggaa aggggtgatg gaggggcaga gcctggagcc tgcagctagc agtgggcccc 300
 tgcctacaga ctgaccacgc tggctattct ccacatgaga ccacaggccc agccagagcc 360
 tgtcgggaga agaccagact ctttacttgc agtaggcacc agaggtggga aggatggtgg 420
 gattgtgtac ctttctaaga attaaccttc tctgtcttta ctgctaattt ttctctgctg 480
 caaccctccc accagttttt ggcttactcc tgagatatga tttgcaaatg aggagagaga 540
 agatgaggtt ggacaagatg ccaactgctt tcttagcact cttccttccc taaaccatcc 600
 cgtagtcttc taatacagtc tctcagacaa agtgtctcta gatggatgtg aactncttaa 660
 ctcacaaagt aaggnggtac ttcaagccat gctggcctnc ttacatcctt tttnggaaca 720
 gagcacngna taaataatta acttaataat aatatgccca aaaaaaaaaa a 771

<210> 3762
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (764)
 <223> n = A,T,C or G

<400> 3762

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----|
| cagctntngt | tctttttgcg | gatccctcga | ttcgggagag | aaaccttatg | gatgcattga | 60 |
| ctgtggcaag | gccttcagcc | agaagtcttg | ccttgtagca | catcagagat | atcatacagg | 120 |
| aaagactccc | tttgtatgtc | ctgaatgtgg | gcaaccctgt | tcacagaagt | caggactcat | 180 |
| tagacatcag | aaaattcact | caggagagaa | accctataaa | tgcagtgact | gtgggaaagc | 240 |
| cttccttaca | aagacaatgc | tcattgtaca | tcacagaact | cacacgggag | agagacccta | 300 |
| tggctgtgat | gagtgtgaga | aagcttactt | ctatatgtct | tgccttggtta | aacataagag | 360 |
| aatacactca | agggagaaac | ggggggattc | agtgaagggtg | gaaaatcctt | ccacagcaag | 420 |
| tcacagctta | agtcctagt | aacatgtgca | ggggaaaagc | cctgttaata | tggtaactgt | 480 |
| ggcaatggtg | gcagggcagt | gtgagtttgc | ccacatcctg | cattcatgat | aaacagtttg | 540 |
| ctgtttgatc | atatagcctc | caacggaatg | ctgagtttgt | catgtcccat | gggccctttg | 600 |
| gctccctgca | ctaatatgta | tagtanggggt | ttacaagata | tgaaaatata | ttttactttt | 660 |
| tttatatctt | ataaacctca | ctacccttc | cacaatattg | gttttcattt | actatcttga | 720 |
| catagagttt | ggcttgggga | agggggcagt | tttaaangct | tccc | | 764 |

<210> 3763

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3763

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----|
| cagctntngt | tctttttgcg | gatccctcga | ttcgggagag | aaaccttatg | gatgcattga | 60 |
| ctgtggcaag | gccttcagcc | agaagtcttg | ccttgtagca | catcagagat | atcatacagg | 120 |
| aaagactccc | tttgtatgtc | ctgaatgtgg | gcaaccctgt | tcacagaagt | caggactcat | 180 |
| tagacatcag | aaaattcact | caggagagaa | accctataaa | tgcagtgact | gtgggaaagc | 240 |
| cttccttaca | aagacaatgc | tcattgtaca | tcacagaact | cacacgggag | agagacccta | 300 |
| tggctgtgat | gagtgtgaga | aagcttactt | ctatatgtct | tgccttggtta | aacataagag | 360 |
| aatacactca | agggagaaac | ggggggattc | agtgaagggtg | gaaaatcctt | ccacagcaag | 420 |
| tcacagctta | agtcctagt | aacatgtgca | ggggaaaagc | cctgttaata | tggtaactgt | 480 |
| ggcaatggtg | gcagggcagt | gtgagtttgc | ccacatcctg | cattcatgat | aaacagtttg | 540 |
| ctgtttgatc | atatagcctc | caacggaatg | ctgagtttgt | catgtcccat | gggccctttg | 600 |
| gctccctgca | ctaatatgta | tagtanggggt | ttacaagata | tgaaaatata | ttttactttt | 660 |
| tttatatctt | ataaacctca | ctacccttc | cacaatattg | gttttcattt | actatcttga | 720 |
| catagagttt | ggcttgggga | agggggcagt | tttaaangct | tccc | | 764 |

<210> 3764

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 3764

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| tttaaatgct | tggntctcga | tcttttggtca | ggatccctcg | attcgctgag | aaaatcatag | 60 |
| agatcctgga | gagcgggcat | ttgcggaagc | tggaccatat | cagtgagagc | gtgcctgtct | 120 |
| tggagctctt | ctccaacatc | tggggagctg | ggaccaagac | tgccagatg | tggtagcaac | 180 |
| agggcttccg | aagtctggaa | gacatccgca | gccaggcctc | cctgacaacc | cagcaggcca | 240 |
| tcggcctgaa | gcattacagt | gacttcctgg | aacgtatgcc | cagggaggag | gctacagaga | 300 |
| ttgagcagac | agtccagaaa | gcagcccagg | cctttaactc | cgggctgctg | tgtgtggcat | 360 |

| | | | | | | |
|-------------|-------------|------------|-------------|------------|------------|-----|
| gtgggttcata | ccgacggggga | aaggcgacct | gtgggtgatgt | cgacgtgctc | atcactcacc | 420 |
| cagatggctg | gtcccaccgg | ggtatcttca | gccgcctcct | tgacagtctt | cggcaggaag | 480 |
| ggttcctcac | aagatgactt | tggtgagccc | anaggagaat | ggtcagcaac | agaagtcttg | 540 |
| gggggtgtgcc | cggcttccaa | ggccatggcg | gcggaaccgg | gcgcctggac | atcatcgtgg | 600 |
| tgccctataa | gcgagttttc | ctgtgccctg | ctctaactta | cccggctttt | gacacttcaa | 660 |
| ccgcttccat | gcnaaccctt | tgcccaaaaa | ccaaaggggc | ttgaagtttt | ntcatgaaca | 720 |
| ntgcccttca | accacttgnt | gtgggtcccc | ggaacaaccc | atgggatnna | aaggngngng | 780 |
| ccttgnecca | aattgcttnn | cc | | | | 802 |

<210> 3765

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3765

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| atacagctct | tggtcttttt | gcaggatccc | tcgattcgaa | ttcggcacga | ggcatatgct | 60 |
| tgtctcaaag | attaagccat | gcatgtctaa | gtacgcaggg | cctgagtcctn | tgccctcgtg | 120 |
| ggcgcttgat | gacactgatt | ctcgcgtgtc | tccggcctct | ccggcagggga | gtcctancgc | 180 |
| agactttgcg | gntcatggag | agtctctggg | agacaggcac | ctgcggacgc | tgagataag | 240 |
| ttacgacgca | ctgaaagatg | aaaattctaa | gctgagaaga | aagctgaatg | aggttcagag | 300 |
| cttctctgaa | gctcaaacag | aaatggtgag | gacgcttgag | cggaaagttat | aagcaaaaat | 360 |
| gatcaaggag | gaaagcgact | accacgacct | ggagtcggtg | gttcagcagg | tgagcagaa | 420 |
| cctggagctg | atgaccaaac | gggctgtaaa | ggcagaaaac | cacgtcgtga | aactaaaaca | 480 |
| ggaaatcagt | ttgctccagg | cgcaggtctg | caacttncag | cgagagaatg | aagccctgcg | 540 |
| gtgcggacag | ggcgccagcc | tgacccgtgg | tgaacagaac | nccgacgtgg | ccctgcagaa | 600 |
| cctccgggtg | gtcatgaaca | gtgcacagct | ttcatcaagc | actggtttcc | ggagctgaga | 660 |
| cctgaatctt | gttgccaaat | ccttaaatct | attgacngaa | tttctgaagt | ttaaagaccan | 720 |
| gaggaagact | nttgaggccc | tggg | | | | 744 |

<210> 3766

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3766

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| atcagtttct | tgcccttntn | caggatccct | cgattcgaat | tcggcacgag | gtttccctgg | 60 |
| cttaccgtga | tgacgcattt | gctgagtgg | ctgaaatggc | ccatgaaaga | gtaccacgga | 120 |
| aactcaaag | cacettcaca | tctcccaaga | ctccagagca | tgagggccgt | tactatgaat | 180 |
| gtgatgtcct | tcctttcatg | gaaattgggt | ctgtggccca | taagttttac | cttttaaaca | 240 |
| tccggctgcc | tgtgaatgag | aagaagaaaa | tcaatgtggg | aattgggggag | ataaaggata | 300 |
| tccggttggg | ggggatccac | caaaatggag | gcttcaccaa | gggtgtgggtt | gccatgaaga | 360 |
| ccttccttac | gccagcatc | ttcatcatta | tggtgtggta | ttggaggagg | atcaccatga | 420 |
| tgtcccagacc | cccagtgcct | ctggaaaaag | tcatctttgc | ccttgggatt | tccatgacct | 480 |
| ttatcaatat | cccagtggaa | tggttttcca | tccgggttga | ctggacctgg | atgctgctgn | 540 |
| ttggtgacat | ncgacagggc | atcttctatg | ccatgcttct | ggccttctgg | atcatcttct | 600 |
| gtggcgagca | catgatggat | cagcacgaac | cggnaaccaca | tngcanggta | ttggaagcca | 660 |

agtcggccca ntgccgtngn tcttctgnet ttcataatttg acatgtgtta aaaaangggg
ccaacttacg aatncctttt acagtt

720

746

<210> 3767

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3767

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tnagatacag | ctcttgttct | ttttgcagga | tccctcgatt | cgaattcggc | acgagggtttt | 60 |
| atttataaaa | caaaaattta | tatttgcaca | ggaggagaat | tagcaggatg | taaaataaaa | 120 |
| atgaaagacc | ccaatgggga | gaatatttta | aatgtcttgc | agggagtgga | agaaagcttt | 180 |
| gcttaaaaa | gtcaccatat | gctaactata | tacagcactt | caagtttatt | tattgttaaa | 240 |
| gcctcatgta | aatcacgtca | ttctgaaaat | catggaaact | gcacatttgt | gcattaaact | 300 |
| atgtaaaaca | caaaaactgg | tcatccgtcc | aattgttgct | tcacttattt | tgaattatag | 360 |
| tgcaattttg | tggagggtga | aatggggatt | acacaatata | gagatttcct | gttaacacct | 420 |
| acatttttgc | tgatcaagca | aggtctgttg | gtgcgagagc | ttaaccttta | ttttatttcc | 480 |
| aaatgtgttt | tttattccga | gtcccgttgg | tgtctatggg | ttcacttttc | tccatgagcc | 540 |
| acatgttaaa | gcctgccctg | actaaatgaa | ggagtgtgag | cagtgggata | gacattgcag | 600 |
| gcaggcgaaa | ctgggataag | ccccagaatc | ttttgaacct | atcagtaata | ttactaacag | 660 |
| gggagaaagt | ataaaagtga | gcccttcaag | tgctctagtg | tacatgtcag | aattnaagca | 720 |
| cgagttncac | gggatggctc | accccttc | | | | 749 |

<210> 3768

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3768

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| caaatncnng | ctctcggtct | ttntgcagga | tccctcgatt | cgaattcggc | acgagggctg | 60 |
| cagtgcagctg | tgatcgtgcc | actgcactcc | atcctgggtg | gcagagtgag | gccctgtctc | 120 |
| aaaataaata | atccagtcce | ccccagaaa | gggaatgaag | tgctataatg | agaaaaatcc | 180 |
| tagtacctaa | catatagtag | acagtggaga | gtggttctct | ttcgtttctc | aggggcagac | 240 |
| agattgggtg | ctggagtcct | ctatcaaaga | gtcagagctc | tatcccagat | gtgtaatgaa | 300 |
| cgtggtcaca | gacatattgt | ccattaccat | ttaccttccc | tataaccact | gtgcctccag | 360 |
| cctttagaaa | tagacacata | ggagcgcagc | aatacgtcta | aaaataggag | tgagagaggg | 420 |
| cagggcatgc | ccgttcttgn | ggtagaagaa | aagaatgtca | aagaaagcag | ctgggactaa | 480 |
| tgaactttac | attagccata | ttccattatt | tcagcttaag | tcaaagtgcg | gtcctcatga | 540 |
| ggcaactggc | tttgacagga | gctacgctaa | ttaccactta | ccaaccttta | atctctgggt | 600 |
| aaaagcaaaa | gacaaaaact | aatggatttn | tcatttttnc | cagngacaag | aattaaataa | 660 |
| tagtangtct | gtcnaaaaaa | aacaaaattn | aaactcgagc | ctntagaact | ttngngagtc | 720 |
| gtattacntt | agatncagac | ntgatacgat | accatggan | | | 759 |

<210> 3769

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3769

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttgcnatgc | taggctactc | gntctttttg | caggatccca | tcgattcgaa | ttcggcacga | 60 |
| ggagccacca | tgctggccc | atcgtntcat | ttgatccttg | caacacccta | tgagaatata | 120 |
| cngatcgaac | gatntcacag | atnatccata | gtgatactca | gctaaccgnt | ggtctgccaa | 180 |
| gacttgaacc | caccattctt | gttactnnct | tgatnncttt | aanactgggt | atnnnnngcc | 240 |
| agtntggnat | ggngcnnaaa | atangatgtg | ngnttttttg | angtannann | tgctacaggc | 300 |
| ntnnactnta | tnatctnagc | natagcnagt | ncaagtngga | ctgattnagn | atacacnnng | 360 |
| nngtgttant | ngctaaaata | ttgaaanaac | tttnattctg | gntggagcnc | gtnnngtntc | 420 |
| ccaaatatga | acaaccaana | tctgaaatgc | tncaaagctg | gaaactttta | gagtgtntnt | 480 |
| gantgccngc | caacatgaca | tgcaaganaa | acattnatth | ggagcatttn | ggattgtgna | 540 |
| tattnagatt | ngggatgctc | antangnatt | aatgcanata | ttncaaaanc | cncgccttcn | 600 |
| gaccacgng | aaanaaaaaac | caaaaaccca | naatacttgn | gntcnccaag | cattcatgaa | 660 |
| aaaaatgatn | cttaacctng | naaatagctt | tgncccaacc | cncnnaagtt | tctttntcta | 720 |
| cttccttgcc | cantttnaac | attaggaacc | ccct | | | 754 |

<210> 3770

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3770

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tcagctcttg | ttctttntgc | aggatcccat | cgattcggct | gcacagtggg | aagggcactg | 60 |
| ggctggaagc | cctacccatg | tcagggaatg | tctgggcctc | agatttttat | tttctagaat | 120 |
| gaagatactt | accccccaat | tgctgagata | tttgaataaa | agtatatgtg | aaggattttg | 180 |
| taattataga | atgtcctaca | aatatgagta | gttcgtttgc | tacttttttg | gcgaagaaaa | 240 |
| atattgggat | gcatgaataa | tatctaccta | aggtacctaa | ggttgatttc | atcccattta | 300 |
| ttgaatgcca | aggatatacc | agctactgct | ccagatgttg | tattcaggga | acagaagaag | 360 |
| agtccctgtg | cccatggagc | taacagcatt | ctaggggagg | aaagatgggt | cagctgactt | 420 |
| tcacgatctc | aggatctgat | gaagattgtg | aagattatta | catcagggtg | atgtaggggt | 480 |
| gatttagaga | aagctggtag | ctaggctgtt | caaggaaggg | cctctgtgag | aaaggggatg | 540 |
| gttggtctgg | gttggtgggt | cacgcctata | atcccagcac | tttgggaggt | tgagggtttg | 600 |
| agaccacctg | ccagcatgga | gaaaccccgt | ctctactaaa | aatncaaaat | tagcccggca | 660 |
| tggtggcaca | tgctgtaat | ncangctacc | tgaggagctn | angccgggag | aattgcttga | 720 |
| accccgaggag | gcaaagggtg | taattgagcc | ct | | | 752 |

<210> 3771

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3771

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| taaagnatca | ngntcttgtt | ctttttgcag | gatcccatcg | attcgctgga | ccgggtcttg | 60 |
| gtgctttcca | gctcagggcg | ttggtccact | tggttattct | tggggaccaa | aatccaagct | 120 |
| aggatgggga | cagaggcctg | gagacaacct | gctggcctcc | ttccattaaa | gccattacag | 180 |
| tgtcaccaca | ggattgtaag | aattacaaat | gcgttttcca | gagtccccag | agaaaaagga | 240 |
| gtctggcagt | tagaagagta | aagtgcact | gtcaacaaaa | gaaataccaa | agatgagact | 300 |
| acagcagcga | cttgtcacct | cttccgtgtt | gctactgcct | gagaacagag | gttttttagtt | 360 |
| tctttaaagg | gttgtaaaca | taaaaacaaa | gaaggatata | acatgcaagg | cctaaaatgt | 420 |
| ttactttctg | gcctttttaca | caggcagttc | gccagccccc | taccctacag | tatggaaaaa | 480 |
| aggcatagaa | cagtcaaata | acgtaggatt | tcttggtttc | tccatgcagg | ctcatcgaat | 540 |
| agcaaccatc | ctttcttagt | ttcttgaaac | aagtacctta | tttacattca | gagaattata | 600 |
| tgtggacaaa | cagctcataa | gcccgtactt | ttacatactc | acttcctgaa | ttgcatattg | 660 |
| aaaaagagag | ttcatgtaaa | gcccgattat | tatttaaatct | aaagttatgt | tcacatagga | 720 |
| agcactatgt | agagaaatag | ggtctgangg | acaaggagcc | t | | 761 |

<210> 3772

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3772

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| taaagnatca | ngntcttgtt | ctttttgcag | gatcccatcg | attcgctgga | ccgggtcttg | 60 |
| gtgctttcca | gctcagggcg | ttggtccact | tggttattct | tggggaccaa | aatccaagct | 120 |
| aggatgggga | cagaggcctg | gagacaacct | gctggcctcc | ttccattaaa | gccattacag | 180 |
| tgtcaccaca | ggattgtaag | aattacaaat | gcgttttcca | gagtccccag | agaaaaagga | 240 |
| gtctggcagt | tagaagagta | aagtgcact | gtcaacaaaa | gaaataccaa | agatgagact | 300 |
| acagcagcga | cttgtcacct | cttccgtgtt | gctactgcct | gagaacagag | gttttttagtt | 360 |
| tctttaaagg | gttgtaaaca | taaaaacaaa | gaaggatata | acatgcaagg | cctaaaatgt | 420 |
| ttactttctg | gcctttttaca | caggcagttc | gccagccccc | taccctacag | tatggaaaaa | 480 |
| aggcatagaa | cagtcaaata | acgtaggatt | tcttggtttc | tccatgcagg | ctcatcgaat | 540 |
| agcaaccatc | ctttcttagt | ttcttgaaac | aagtacctta | tttacattca | gagaattata | 600 |
| tgtggacaaa | cagctcataa | gcccgtactt | ttacatactc | acttcctgaa | ttgcatattg | 660 |
| aaaaagagag | ttcatgtaaa | gcccgattat | tatttaaatct | aaagttatgt | tcacatagga | 720 |
| agcactatgt | agagaaatag | ggtctgangg | acaaggagcc | t | | 761 |

<210> 3773

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3773

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggnnnnnttn | nnatttngnc | nnannnanaa | ctctnnagna | anccctttgt | ncaggcatcc | 60 |
| catcgattcg | aattcggcac | gagcagcctg | cggccaggct | ttttatttaa | tntnaatagt | 120 |
| ttttgtttgc | ctccgtgggt | tggtcacctg | gtgcatcgca | ccgtgctgta | aatgtggcag | 180 |
| tcgctgtgtt | gggagagccg | gccacgccct | tggttttaga | gctgtgttga | aatccatttt | 240 |
| ggtggttggt | ttttaaccca | aactcagtg | atatttttaa | atagttaaga | atccaagtgc | 300 |

```

agaacacttg aacacacaga agggagaccc cgcctagcat agatttgag ttacggcctg 360
gatgccagtc gccagcccag ctgttcccct cgggaacatg aggtgggtgt ggcgcagcag 420
actgcgatca attctgcatg gtcacagtag agatccccgc aactcgcttg tccttgggtc 480
accctgcatt ccatagccat gtgcttgctc ctgtgtctcc acggttccca ggggccaggc 540
tgggagccca cagccacccc actatgccgc aggcgccta cccaccttca ggcagcctat 600
gggacgcagg gcccctctg tccctcggtc gcccgtgtgg ccagantggg gtcccgnctg 660
ccccaacact cngcttctg nttcagaaca cttttgggca nggaangtct tgggggcctt 720
taaccaagca nggaaccncc gtgccaagc ccngggcaag gccgggtccc aaccttagga 780
acccaacaa gcccccttn ggggaagcca accccnaaa cctttttggg gggg 834

```

<210> 3774

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 3774

```

gnnnnttttaa ataccagct ttcaaactct tgcttncgnc ttncgcagga tccctcgatt 60
cgaattccgt tgctgtcggg gatgagattc tgatggaaga gattaaggat tacaaggcac 120
gcttgacctg tccgtgctgt aacatgcgta aaaaggatgc tgcttctact aagtgttttc 180
atgtcttctg ctttgagtgt gtgaagacac gctatgacac ccgccagcgc aaatgtccca 240
agtgtaatgc tgcttttggg gccaatgatt ttcatcgcat ctacattggt tgatctaagt 300
caaganaaga agaggagctg gctagtang aacttattca ttaaccacca aacctctacc 360
tnttctctcc ttgactgtca cctgtaggac agtttatcag tcaactacct ttctccaga 420
ctttacttcc aggtctnct cttcagtanc tggatgactt tagcagaaag gactggtaaa 480
tacaagcctt ggggtttcaga atgaattaga aacaaataac tcttactgtc ttccctccca 540
gctttgttta ttttgtgctt ttagactttt cagtntntc ttttttcagn cactgtata 600
aacttggtat gtccattcct cctgaagaaa tcaagttggg tatttttgat gtggaaaagg 660
gaacaanaag tggaaacatg gctacttttt ggggagtgga tnttttaaaa aaatnaggtt 720
ggctatgggc accaaanttt tctacatttg ngtnncaaac ttcttgtgaa atgtgggatt 780
ncaaant 834

```

<210> 3775

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3775

```

ttnnnnnnnn cagctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
gctgggtgtg gtggccttat cctgtaatcc aaacactttg ggaggccaag aaggaggat 120
cacttgagcc caagaatttg agaccagcct gggtaactta gtgagaccct gtttctaaaa 180
ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag 240
atagatagat agaattgtct ctaccccaag ggtggagaaa gacttgagca aagacacaga 300
ggccacatgg attaaaagga ggaggagaag ccctgtgttt gcaggatga atggcctatg 360
ctctggggag gtgggctgtg ccctcagcag catccacatc taatgcagga caacaccatc 420
gacttctgtg agtacgtggc agctctgaat ctcgtgctga ggggcaccct ggagcacaag 480
ctgaagtggg cattcaagat ctatgataag gatggcaatg gctgcatcga cccgcctgga 540

```

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gctctcaaca | ttgtggaggg | aatttaccag | ctgaagaaa | cctgccgcga | gagctacaaa | 600 |
| ctgagcaagg | ccagctgctc | acacccgagg | aggctcctgga | caggatcttn | ctcctggtgg | 660 |
| atgagaatgg | agatggccac | tgctnttgac | naattggtga | agngcccctc | gggccaagtg | 720 |
| ggtgatgaaa | atcttccnat | ggc | | | | 743 |

<210> 3776
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| <400> 3776 | | | | | | |
| atcagctctt | gttctttttg | caggatccca | tcgattcggg | agggcaggag | agtgaccaag | 60 |
| cagctagaag | agaggggtgca | gcaccccaag | gnnaggactg | ggggagtggg | tgttccagga | 120 |
| agggctcttg | cagttaaagc | tgacacagaag | tcaaatacaga | taaagcctga | gagggatcca | 180 |
| tgggatttct | tggcaaaagg | attgttgggtg | ataccaggaa | gagcagcttc | agtggctcat | 240 |
| ggggagagaa | gccagattac | aggagatcag | caactgagag | agtgagtggg | gagcatcttt | 300 |
| taagaatgtc | ttgagtgcgg | gccggctgcg | gtggctcacg | cctgtaatct | cagcactttg | 360 |
| ggaggccgag | gcgggcgcaat | cacgaggtca | ggagtctcgag | accagcctgg | ccaacatggg | 420 |
| gaaacccgtc | tctactaaaa | ttacaacaat | tagctgggca | cggcgcantg | gtgctgtgct | 480 |
| gtaatccag | ctctcgggag | gctgangcag | gagaatcact | tagaccaggg | agtcggaagt | 540 |
| tgcaagtgc | tganattgcg | ccactgcact | tcanactggt | gacagaacta | gactctgtca | 600 |
| aaaaaaaaaa | aaaaaaaaac | tcgagcctnt | agaactatat | gagtcnnatt | cctagatccn | 660 |
| gacatgataa | gatncattga | tagtttggac | aaccacactt | gaatgcntga | aaaaatcttt | 720 |
| atttggaaat | | | | | | 730 |

<210> 3777
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|-----|
| <400> 3777 | | | | | | |
| ggnnnnnnnn | ntttttnnnn | atggaaaactt | ttgctattgc | ncttttttgca | ggatcccatc | 60 |
| gattcgaatt | cggcacgagg | ccaccaccac | caccagcccc | acaaaattna | cctcaaggcn | 120 |
| tacgaacagg | tgatgcacta | ccccggctac | ggttccccca | tgcttggcag | cttggccatg | 180 |
| ggcccgggtca | cgaacaaaac | gggcctggac | gcctcgcccc | tggccgcaga | tacctcttac | 240 |
| taccaggggg | tgtactcccg | gccattatg | aactcctctt | aagaagacga | cggcttcagg | 300 |
| cccggctaac | tctggcacc | cggatcgagg | acaagtgaga | gagcaagtgg | gggtcgagac | 360 |
| tttggggaga | cgggtgttgca | gagacgcaag | ggagaagaaa | tccataaacac | ccccaccca | 420 |
| acacccccaa | gacagcagtc | ttcttcaccc | gctgcagccg | ttccgtccca | aacagagggc | 480 |
| cacacagata | ccccacgttc | tatataagga | ggaaaacggg | aaagaatata | aagttaaaaa | 540 |
| aaagcctccg | gtttccacta | ctgtgtagac | tcctgcttct | tcaagcacct | gcagattctg | 600 |
| atttttttgg | tggtggtggt | ggtctccatt | gctgntgntg | caaggaaaagt | cttacttaaa | 660 |
| aaaaaaaaaa | ttttgtgagt | gactcggngt | aaaaccatgt | agntttaaca | gaacngang | 720 |
| gttgtctatg | gttaaaaagc | ctntagaact | atgngagtcg | nattacgta | | 769 |

<210> 3778

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3778

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| naanannagc | tcttgttctt | tttgcaggat | cccatcgatt | cgccacctc | ggcttcccaa | 60 |
| agtactggga | ttacagacgt | gagccaccgc | acctggccta | aatttcacca | tcgtttctat | 120 |
| tcataactta | cctgcaaagt | gattatctga | ctagtactac | tgcaacaaag | ataataaagt | 180 |
| gcctgatgtt | tatatcaa | aggatatggc | atgtttctga | gtgtttctaa | agaaaaatac | 240 |
| tgaatgaacc | cctcgccctaa | cctagtgcct | gtggtaacaa | taactgacat | gcattgagcg | 300 |
| cttactgtgt | gccaggtgct | tggtcgaggt | actttaccgg | tattaactct | ttaattcgca | 360 |
| taacccttct | gtgagatggg | taacattata | cccattttac | agatgaggaa | tctgaggcct | 420 |
| ggagatatca | aatcatgtgc | ccaaggccac | aaagccaaca | tgtggtagaa | ctgagactcg | 480 |
| aatctaggca | gtttgttcca | atTTTTgtgc | tttgaacctg | tgcaaatat | gactattgct | 540 |
| attttgtgat | attatttgag | atttctcttt | taattattct | tgatatcttt | ggggcagaaa | 600 |
| aacaatgaat | aataatgtta | tgaatattaa | agccctctca | aaaaaaaaa | nnnnnnnnnn | 660 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnaaaaa | aaaacctggc | ctttaaatt | 720 |
| ttgggggggn | ntttccnaa | anc | | | | 743 |

<210> 3779
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3779

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| ttntatatca | gctcttgttc | tttttgcagg | atccctcgat | togaattcgg | cacgaggata | 60 |
| taatggccan | gaggaatcan | aaacctgacg | ttagaaaggc | tcaacgagaa | cangctatca | 120 |
| gggtgctaa | ngaagcaaaa | aaggctaagc | aagcatctaa | aaagactgca | atggctgctg | 180 |
| ctaaggcacc | tacaaaggca | gcacctannc | aaaagattgt | gaagcctgtg | aaagtttcag | 240 |
| nctacagggtg | gacaatgagg | aggaggaaa | ccnnggacag | gttgaagggc | ggcttgnccc | 300 |
| atccactgtg | gtcctggacc | acacangcgg | ctttgagggg | cttctcctgn | tggtgatga | 360 |
| cctgctgggg | gtgattggac | acagcaactt | tggcaccatc | cgntctacca | catgcgtgtt | 420 |
| caaaggggaaa | tggctctn | aggtcctcat | ctctnccang | ggctcatgca | natcggtggtg | 480 |
| tgaccatca | nctgccgntt | taaccangan | gagggggttg | gagatacaca | caactoctat | 540 |
| gcctatgatg | gcaaccgcnt | gcncaagtgg | aatgtgacca | cancgaatta | tgccccccca | 600 |
| tctntgctgg | gttncanncc | tgtggtcaca | agtnctgcng | ngcctgtatn | aaccagcacc | 660 |
| tgttgaacan | canggacttg | nttcttcttc | aaaaccacn | ttntgtctgt | anangaacttg | 720 |
| gtanaaggga | gccaatccna | gttctacn | | | | 748 |

<210> 3780
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 3780

```

gnnnnnntnn nnnnnnnnnn ttttnaatnt cagctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag ggatttctcc tccttccgog ctttctgcgt gacactggct      120
gtcagctctg ggctgggctt tctgggggcc acacagctgc tgaggcggcg ggttgaggcg      180
gcccgaagg acccaggggtg ctcagcctgg ttgtggatag cggcctgtgt ggagaggagc      240
tgctttagag cagttaggag gcggacagca tcacctggg ccggtatctc cggcagctgg      300
cacgccatcg gaacttcctg tggttcgtga gcatggacct ggtgcagggt cagtggctca      360
cgctgtaat cccagcactt cgggacgcca aggtggaaag accgcttgag ccagaggatt      420
cgaggctgca atgagttatg attgcaccac tgcactccag cctgggcggc agagaaaggc      480
tccatctcta aaaaaagaag agctaagtgc tgtacctaaa acatgcagta tataaactgg      540
ctgaacttag aaataaactg ttttcatggt atgaaaaaaa aaannnnnnn nnnnnnnnnn      600
nnnaaaaaaa aaaactcgag cctntanaac tatagnagat cntnttacgt anatccagac      660
ntgataagat ncattgatga gtttggggac aaaccaact ngaatgcntg aaaaaaatgc      720
tttatttgng aaaatttggg atctatgctt tatttgtacc attataagct n              771

```

<210> 3781

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3781

```

cnnntttcaa atcgcttggt actngttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggtgag gggctgtctg gcccttctga ttttttgta acgagacatg gattgtggca      120
tcaagattta gattcattcc tctgtttggt ggagtcattg aagccagtat atcctggaca      180
ttttttaaag aggtcccat tctgagaaaa gacaggagtt gaatgtctta ttgattctta      240
cctttctggt cgttatagac gaccagagga aacaaatgcc cgacacggat tcgactcagt      300
cataagtgtg aaccaaatag gccgatctgg gttctctcac tgactgaaga ggaagagaaa      360
taagagagga cagtgggcaa aatgtagggt gacaaccaag ggttctggtt tgcccagaat      420
tgccctgggt tcaaccctga agttcccatg ttgtggacag ccccggtggtc ctagacaaac      480
aggtcacctt agcggtaaaa gcctttctca ggagttagag ctccagggga gacaaaacgg      540
gtttggtttt ggaacctgga ggaagaaggc aaaatgagaa gagtnactg gcagttagtc      600
ccggaagggn cccgccttgc aacaancgtg gcatcttccg gacccacttc cttgctcttt      660
ctcccgtag cctgcccctt aatgtngggt cccagtgcaa aancctntt gggggccnng      720
gcccgttgcc ctgcttaatt caattgcaan cttggaccag gaaaagccca gccagctt      779

```

<210> 3782

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3782

```

tacaggctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gagcaggctc      60
atctccaact gacctcatga tccactgggt tcggcctccc aaagtgtctg agtgcagtgg      120

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tgtgatcatg | gctcactgca | gccttgacct | cctgggctaa | agcaatttgc | cttcctcggc | 180 |
| ctctcaaaagt | gctgggatta | caggtgtgag | ccactgcacg | tggcctcttt | ttagtttatt | 240 |
| ttttccaaaa | ttattttgaa | aagtttcaag | gtggaatgta | gtgacaccat | cacggctcac | 300 |
| cgaagacttg | acctcctggg | ctcaggtgat | cctcccacct | cagcctctca | agtagctggg | 360 |
| actacaggtg | cacaccacca | caccagcta | gtttttatgg | tttttttaga | gacagggttt | 420 |
| cgccacgttg | cccaggcagg | tagaactccc | gtactcaagt | gatccgtccg | cctcagcctc | 480 |
| ccaaggtgtt | gggattacag | gtgtgagcca | ctgcacccgg | cccatttctt | cttagattta | 540 |
| acagttaaca | ttttgctaca | tttgttttat | gtccccatat | atctggtttt | cccttaagct | 600 |
| atatgaggct | acattgnggg | tacactttac | ccaatattct | ggtatcaacc | acagtgccat | 660 |
| aatcataata | aaaaaattta | acattggtgc | agtaaaaaaa | aaaaaaaaaa | actcgaggnc | 720 |
| tttagaacta | tnntgagtcg | ntta | | | | 744 |

<210> 3783

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3783

| | | | | | | |
|------------|-------------|-------------|------------|-------------|------------|-----|
| anacagctct | tgttcttttt | gcaggatccc | atcgattcgc | aacagaataa | gactccatct | 60 |
| caagaaaaaa | aaaagggttaa | agttcctgac | ttaatgagga | aataaaaaaa | ttatatgctg | 120 |
| aagttgctaa | gatctagctt | gtgtttgtga | aattgtgaag | aaagaaaaag | aaattcatag | 180 |
| tagttttatg | gtcacacttc | tgcaaaaatt | gcagccacag | tgcatgataa | gtgcatagtt | 240 |
| aagatggaaa | aggcattttt | tgagtgggaag | acatgaagag | aaatagcttc | caatgacagc | 300 |
| attcaagttc | ggtactatac | atggtttcag | gaatctacta | gaggtcttgg | aacatatccc | 360 |
| tgtggataag | aagggactac | tgtattgcca | accagggaag | cttcagtgc | tccagagaat | 420 |
| ttattagggc | atcattacat | aggcacgatt | gatttgtttg | gctgccccaca | tggttgaact | 480 |
| cagtcttcaa | gtcaactgat | accaagttgt | ccaaagttcc | ccaccctaaa | ccacatggtt | 540 |
| ggtctttctg | gcatggcccg | gctttcaccc | taagactact | gggtgttgca | gctgcaacct | 600 |
| aaaatctagt | aacaaagaca | tgcttatcag | gtctgacata | gattaccttc | caaaagggaa | 660 |
| agatcagaca | tctctttggg | taangtcaac | ttttttttac | tacattgaga | caaattctat | 720 |
| ttcaaggaca | gagttaagga | gggaatgaat | ttt | | | 753 |

<210> 3784

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3784

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|-----|
| tacagctact | tgttcttttt | gcaggatccc | tcgattcgaa | ttcggcacga | gaccacacct | 60 |
| ggctcattta | ttttttatatt | gtctagagac | agtgtctcac | tatgttacct | gggtgtgtct | 120 |
| tgaactcctg | gcccctaattg | atctgtctat | ctcaatcacc | caaagtgttg | ggattacaga | 180 |
| tatgagccac | tgtgcttggc | ctattttctga | ctttttttct | ttttgtatat | aagaatatat | 240 |
| atttcgagac | aaattgtgga | ttataaatgg | atgcttattt | atctcgactg | cctttcagac | 300 |
| ctttttcccc | cagccaacca | gtttttttct | tctcaaagaa | gacacagggtg | aaactgaaac | 360 |
| tcactatatt | cttctgattg | agattgtgtg | gggtctactcc | actcagcttt | tgtagtacat | 420 |
| ggaaagttga | gataaacgcc | taaagaaact | agtttcagtc | atagatttag | taaaaatggt | 480 |

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| attgcaaadc | tcttctttga | actcaangtg | cttttctcag | tttctttaaac | caccacccag | 540 |
| agagatcttt | catgtcctct | ttgccctgga | gatgtacatt | gggaacaaaa | accttaagtc | 600 |
| agttctttcac | ttttttactg | ctttggctct | tagtaattat | ctgntcttct | attaaacaag | 660 |
| gagaagacag | attaaatttc | taacagtnag | ggcacaaaaac | caatccattt | acagaattag | 720 |
| tcttacttta | ccacatagga | | | | | 740 |

<210> 3785

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3785

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| tcnnntgaan | accttttaca | ctacntgttc | tttttgcagg | atcccatcga | ttcgaattcg | 60 |
| gcacgaggaa | aagaaaaaaa | aagaaattta | aaattctgtt | ttagtggagt | catttgaact | 120 |
| taagtctaag | tttataacaa | cactggcttc | cacagcacag | gaggtgagca | tgtgttaata | 180 |
| tttaagattg | gcataactcc | ctttaggtgc | aagtgttcag | gccaaaatgt | tcctgagcat | 240 |
| tttgattcct | cctcctgctg | cccatctata | ccaagcccag | aaactgtctg | gaatatattt | 300 |
| tagtttcctg | aatgacacca | agaagtagaa | cagtcttttc | aaaaatgtat | tttaaaaata | 360 |
| agctgaatct | caagaatctg | atctatagta | taatgaaaac | tgaaaagtga | agtagtcatt | 420 |
| gggatactct | actgtctcac | ttaattctca | cggcttccct | gcaagggtggg | taaaattgtt | 480 |
| cctacagata | gtcaaattga | gttttacagt | tagaaaaatga | ttgggctagg | atttgagccc | 540 |
| aatgtctgtc | agattcctga | gtttctgtga | cttctactaa | aatatgctgc | ttcttgtgtg | 600 |
| tcnngtcttc | tgtttgggga | caagcagatg | atatccctaa | caaaatcaat | ttctttatta | 660 |
| ttattctctt | ttaccttttg | gttcccagca | gtacaagtcc | cagttttgaa | gctcaaaaga | 720 |
| ctgggtatgag | catagctcat | cgacgacatg | gtg | | | 753 |

<210> 3786

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 3786

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tcnntnngaa | nncccttaca | agctacttgt | tcttttttga | ggatcccatc | gattcgaatt | 60 |
| cggcacgagg | ccaaatcctt | cagtggatgt | gaaaggaata | ggagatgaat | tatataatcc | 120 |
| agaaacacat | aaacgacata | ctttgttttg | tgggacaact | gttattcaga | ctcgtttcta | 180 |
| cactggagaa | ctcgtcaaag | ccatagttgt | tagaacagga | tttagtactt | ccaaaggaca | 240 |
| gcttggtcgt | tccatattgt | atcccaaacc | aactgatttt | aaactctaca | gagatgccta | 300 |
| cttggtttcta | ctatgtcttg | tggcagttgc | tggcattggg | tttatctaca | ctattattaa | 360 |
| tagcatttta | aatgaggtac | aagttggggg | cataattatc | gagtctcttg | atattatcac | 420 |
| aattactgtg | ccccctgcac | ttcctgctgc | aatgactgct | ggtattgtgt | atgctcagag | 480 |
| aagactgaaa | aaaatcggtg | ttttctgtat | cagtcctcaa | agaataaata | tttgtggaca | 540 |
| gctcaatctt | gtttgctttg | acaagactgg | aactctaact | gaagatgggt | tagatctttg | 600 |
| ggggattcaa | cgagtgggaa | aatgcacgat | ttctttcacc | cagaaagaaa | aatgggtgtg | 660 |
| caatgaagat | gtttgggtaa | aaatccccag | ttttggttgc | nttggtatng | gcttacttgg | 720 |
| tcattccctt | ttcacaaaaa | atttggangg | ggggggcccn | ttttgggnng | atnccacctt | 780 |
| ggaatcttga | a | | | | | 791 |

<210> 3787
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3787
 nccnttttta nacccttttt nctaccgnnc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagaaa agacttataa gccctctgat tgatctcctt tgttggtgac ttcttgatcc 120
 tctttaattc aggaatcaca gttagatttc ttagaatcct tctttgtgct ccaagtatca 180
 aagaccttat ggggctcccc agccataatg gaaaaagtaa tttctttaac aggggagaca 240
 ccagagcaag agcggagatg ggggtacgag ggggtcctca tttatgcagc tggccagagc 300
 tcctcatcca acccggggct tagtgagggtg acagatgtga tgttggccaa tgtagtcttc 360
 cttttctttc tttttttttt tctgaggcag agtctcgtc tgtcacccaa gctggaacgc 420
 agtggcgtga tctcagctcg ctgcaacctc tgtctcctgg gttcaagcga tccccagcc 480
 tcagcctccc agcactttgg gaggtgagg tgggtggatc acttgaggtc aggggttcga 540
 gaccagcctg ccaacatggt gaaactccat ctctactaaa aatacaaaaa ctggccangt 600
 gtgggtggcgt gtgcctgtaa tcccactact caggangcag aaggcaggaa aaatcacttt 660
 gaaaatcang aaggcngagg ttgcaantga ncctgaanat ggcaccactg cactgtancc 720
 ttgggcaaca gggcaagaac tccatcaaaa aaaaaaaaaa aaat 764

<210> 3788
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3788
 gnccnttttta tnccatacng ctacttggtc tttttgcagg atccctcgat tcgaattcgg 60
 cacgagccac tgctacagcc ttagtccaga nttttctctt tctcttatct aggtctgttan 120
 tatagcctan taaatgttcc gggccctcca gtctatttgt cattcaatca cttgtttcag 180
 aaatattact aggcacttat tttatgccat ggcacaatc taggtgctga agacgacaca 240
 gctgcaata aaacagacat gggacctgtt ctgttgaggc ttatacttta gtgcgtagag 300
 aaactaaaca gagaggatg aaagatagtg atgggacata attctactga aggttgggtg 360
 atcaaagaag ctttgctgaa gagatttgtg ttgatgttg tattttctaa aaacagatga 420
 ccaatatggt taaatttggt tctgaggagg aaggtaacat gagatgagct cagataatta 480
 gacaggggcc agatcattta tatgcaaatt agattatgag ataacagaat ggtatatttc 540
 cctcatccta tttactgcag caaatctctc cttagttgat gagactgtgt ttatctccct 600
 ttaaaacctt acctatcctg aatgggtctgt cattgtctgc ctttaaaate cttcctcttt 660
 cttcctctc tattctctaa ataatggatg gggctaagtt ataccctaaag ctacttttac 720
 aaaatatttn ctcagtcttt tgcagaaaaa accaant 757

<210> 3789
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (926)
 <223> n = A,T,C or G

<400> 3789

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tncgncnctt | ttnnnantag | nnnnntgnc | nnntgnaann | gntnnatgan | gtncnntn | 60 |
| actatnatgt | aannnagacn | tncgcttana | tatatcgnc | nnnnananc | nngtngtatn | 120 |
| atnannagng | tgncataatn | gncanaaacg | cctnnactga | ggnacttgta | nntntttgca | 180 |
| ngnncccnan | gannncgaac | aaatccatct | tgtaatgaac | ggnggaaaag | ggccagcgag | 240 |
| accacacagc | acatcaatgc | catcaagcgg | gagattgatg | tgaccaagga | ggccctgaat | 300 |
| ttccagaagt | cactacggga | gaagcaaggc | aagtacgaaa | acaaggggct | gatgatcatc | 360 |
| gatgaggaag | aattcctgct | gaccccaag | ctcaaagacc | tcaagaagca | gtaccgcanc | 420 |
| gagtaccang | acctgcgtga | cctcatggct | gatattccagt | attgccagca | cctagtggat | 480 |
| caagtgtcgc | caccgcctgn | tcatggaatt | ttgacatctg | gtacaatgag | ncctttgtca | 540 |
| tccctganga | catgcagatn | gcactgaaag | ccaggcggca | gcatccggnc | aggcattggg | 600 |
| ccntgtgaac | aggattgtgt | ctctgggaga | agatgaccca | ggacaanatt | cagccaanct | 660 |
| gcagcagagg | gtngctttcc | tggaggggcc | ctgattccat | ctgctttnan | aatgccaaag | 720 |
| tnaanataga | gcntnaagca | taattacttg | aaaaccattg | atgggccttc | agngggcccc | 780 |
| atagaaaaat | nanaacctnn | ttgnncagtt | ccttnangga | aaaagancag | nnactcctac | 840 |
| cntacttggg | agtgggagct | gnttcaacca | cnntgnccaa | aaactngtan | ccccctttta | 900 |
| nttcnattgn | tgggacccca | nncang | | | | 926 |

<210> 3790
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3790

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| gnnncntttt | gaatncanat | acaagctact | tggtcttttt | gcaggatccc | atcgattcga | 60 |
| attcggcacg | agcattagt | taagtgcagg | taattgcttc | attaggacat | atgtattgaa | 120 |
| ggagggagg | caagtctata | gcatgggtgat | aaaaacaggc | ctcaccctct | ttctctaccc | 180 |
| acacagggag | catctcagct | tgacttcagg | gatccaggag | ccaccagcca | ccctgtaaac | 240 |
| agcccagatt | aatcctgggt | ttcagtgctca | tgggaggaag | gaaggatgac | ctagtaaaga | 300 |
| gcaacttact | tactttcttt | gggggtggtaa | ctcattgctg | aactctggat | ggcactgggt | 360 |
| cgttcaaggc | aatgtgattg | aatcattggg | gattattact | gaattagggg | gcaaagtatt | 420 |
| cttatggaag | ctgtatgctt | tctgaggctc | accaggccgg | atggcatgag | ccctatcctc | 480 |
| tgtttgagtt | atttgactgg | ctttttaagg | gagtcctccat | tttcattctg | gccatgacag | 540 |
| atcaagaggt | tatattctcc | catcagacct | tactactttc | ctgtagagtt | gaatattatt | 600 |
| ctgattttat | gccatgtctg | tgaatgtctt | tgtgtgcacc | ctacctagtt | atgcattctc | 660 |
| tctttcaaaa | gcatgttaaa | agatccaata | gtaaatgatt | ctgcttatat | gaagctacta | 720 |
| aagtagtcaa | attcatagaa | agtagaatgg | gtgg | | | 754 |

<210> 3791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3791

```

gnncnctttt gaatncacat acangctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg aggttactga tggagagagc agagaagctg gtgtttgcag tcccatctgt      120
cagccttgac acccctactc ctgtccagcc agtggtttctc aaagcgtgct gatgagcaat      180
gcaagatgat ttcattgttat agataagaat aaaaaaattg ttttgtgttt aactcaaatt      240
agaaaaaggc aacaattggt atgtgcgacc tgtgggttttg cagatgatac tgcttaggat      300
gttgggtactt aagaaaaggt caacttttca aaaatactat tagtgacatg tggacctagt      360
cctcctgaag aggactacat tggggcaccc gtaattgttt ctatttgccg tactctggct      420
gtgtggctct ggccacgcga ctggaggcag tgtctgagcc tgtgacttga gtagtagctc      480
tgtgtcatgt ctgctgattc tccccaaatc ctgaagattc atgatgaagt gactgccggc      540
ttggtctgaa ctagattgaa aacaataagg atcccagaac gatagcactt tacaatccta      600
taattttggc tcaaattgcc tgcagttact atcttaaccc tgccgtgttat gttcattgag      660
caccaaagtt tttcagtcaa ttcttgagta attattctct gggattgaat tatgaaatag      720
taaatatttc cactatgcaa tcaattggtg

```

750

<210> 3792

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (750)

<223> n = A,T,C or G

<400> 3792

```

gnctttttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttogaattcg      60
gcacgagcaa gaattgctgc tgctgttttt tttttaattt tattttttat ttttaaagac      120
tttctacct tctcattgag agagagaaag atgccagag ttaaaatagg aggtgcttgg      180
gtattttgtt gaacttcaca agttaactg gcgaatggcg tccatcagct gttattcagt      240
ccttgaacag agcagatatg tttgtgagag gacaaagaag atgcctcaaa gacaaagaag      300
aagatgcctc gtcgtccctc gagctccac acggcatctg cacatcacca gctcagcatt      360
tagcacactg gattgacact gccatgtag gtgaggtagc ggcatgccct agagtgaagg      420
aatctacagc aatatgatag ctaaattgcca catgaagtgc tggattggat cctggattgg      480
gaaaaaacat ggctctaaag ggcagtattg ggacaattgg tgaaatttaa atgtagtcta      540
tgtattangg gataatgctg ttatcaatta tacatttctt tctgttataa ttgtccttgg      600
tcacaccagg aaatgtcctt attaggagac gcatgcagaa gtcttttagg gatgaggact      660
tactgcagct tattctcaaa tgtttatata taagggtgaca aaaattaaga aattggtcaa      720
tcttggtgaa aagtttatga agagtaaagt

```

750

<210> 3793

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (751)

<223> n = A,T,C or G

<400> 3793

```

ngncnntttg aatnccttta cangtactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gcctaggcgt agtcatttct ttattagtcc ttactttatt tttcaaagtt      120
acgtaataaa tgtctatggt tctaagctat ctttagattt gtaaaagggc taaaatgtta      180
cttttaaaca tgtttggttt attcaaattt gtttataaat ctctcctttg taccctggc      240
taccacccct cccactcct ctgcctaaaa ctaagggaaa atcctgtctt tgcccatage      300

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttcagaatgt | tctgcaat | tttagact | tttttaactg | atcactgtta | agcaagggag | 360 |
| gaaatttacc | acttctcttt | gtgatgtaat | attgcacagt | gaccctaagt | ggaagccttc | 420 |
| ctgtgtcctg | gatgtgagct | ctgcgctgtc | agtgggtggc | ttgtaagctc | tggtccaag | 480 |
| tggtctgagg | tgcaaggaac | cgatcttgtg | cagtagaaag | agcttttgga | agttggcaag | 540 |
| tagcaaggct | agttctcata | cattctatgc | tctggccacc | tttttctgtg | gcaggaaaac | 600 |
| aaaacaggca | aatgcacaca | aactgggtac | atttaacttt | gcctcctgag | ccatctncca | 660 |
| agccatttag | ctttggatgg | cctcaatttg | gaacaaggga | acaaacaaaa | tcatgatgat | 720 |
| aacgatgatg | accccgatcg | tccttactaa | t | | | 751 |

<210> 3794

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

| | | | | | | |
|-----------|----------|-----------|-----------|-----------|-----------|-----|
| gncnnttg | ttcnatac | ctacttg | tttttgc | atcccatc | ttcgaattc | 60 |
| gcacgag | gcttctg | taatgg | ttgtcta | gtaaaaa | cgaagtag | 120 |
| attccaag | agaaag | gatcccta | aacagttg | gaaacata | gtttgtt | 180 |
| tagctgta | cggtaatt | gaagcaatt | tgaaagc | ctttccctt | aagaaaaaa | 240 |
| tagtttct | ctgaaatg | tttttagg | gtcttgaaa | acgtagtg | aatcatct | 300 |
| aaacttaca | ggttgatg | agccatc | tgcatgct | aatttgct | aatgtctt | 360 |
| tccagggg | ctaaactt | acaaaaat | gtttgttt | aagtcata | actacatg | 420 |
| aatcaccac | ttttgaa | tacggtt | ggcagttt | cttttaaaa | tgtgtc | 480 |
| gattattcc | acccaaat | ccagaat | ttgtaatt | ccattacc | tcctacc | 540 |
| tgaaacgt | atgaaaaa | tgaaaaat | acttcatt | aaaagagt | tgtcatg | 600 |
| tatgaaac | ttttgt | ctccagg | gaacattg | atttttcc | ttcagat | 660 |
| ctttgttt | ccattct | cagcagac | aagagtgc | caaatgt | ttatttc | 720 |
| atagata | acttga | at | | | | 749 |

<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

| | | | | | | |
|----------|-----------|-----------|----------|----------|-----------|-----|
| gnnntttg | tccntacan | actacttg | ctttttgc | gatcccat | attcgaaaa | 60 |
| aacaaaaa | cccataaaa | aatagatg | ttctnac | ttgagcat | atggatttc | 120 |
| ttttta | aatatg | acattag | ataagcat | tgaaaaa | aacagtata | 180 |
| tcttttag | ag | gggttttg | ttagttc | gggtgaa | agatcttta | 240 |
| ttattttg | aaataact | taaggaa | aaccacc | acatgc | tctcattt | 300 |
| atttctgt | ca | gccagcat | ggccagt | atttga | atctgt | 360 |
| ttttaacc | ag | gtttatag | tcattct | ggaagagg | gctggag | 420 |
| acagggt | ta | tcgctctt | cgccctg | cagggct | tctccct | 480 |
| tttacacg | cagacaa | ttgtggat | tcaata | cagctgc | ttggacag | 540 |
| attaatc | att | ggtttttt | gccttg | cttggt | tttaaat | 600 |
| cacattgg | tt | tgatcccaa | atgtttgt | tgctctt | caaaact | 660 |

tatgtggtaa gaagctcaga gccacttact taaatctcaa ctagatttat ttgtgagaac 720
atctgttttc tggatattta nacacttcct ctt 753

<210> 3796
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 3796
gnnncnnttn aatnncnata caagctactt gttctttttg caggatccca tcgattcgaa 60
ttcggcacga gacagcattc gctgaccatt ctctctctcc acccaccag gacaggagg 120
ctaaccagg cagagaacct acgctgagaa ctcaccacca gaaaaaatat ctgcttttaa 180
aagcacagt cacaatagta ctttttaaaa gctaaaagag ctaagttaa agttaaagac 240
acgtatgttc ttgacacag atctcctaaa agtctgacaa aattagaagt accagcacat 300
aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacctatgac tatctcaata 360
ggacaatgac aggatacaca atggtttatc atgccctgac ctgctgagcag tgaccaagaa 420
ggagggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat 480
catgatgagc ccattggaag ttgaaaatgc cgtaagtga aagtgcagtg caaactggga 540
gctgctgccg ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc 600
ttttgcacca ttgtaaaaag ccacaaaatc atataggtcg aaccattaag tcagagaccc 660
tctgtgcata gacttggcat tggcccatga caagtga aaa gagtaagcta cagaataata 720
ttcatccatt cttcattttt ataaaaccac ttttt 755

<210> 3797
<211> 745
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 3797
aggnttnntt tntgactcat gcttggntta ntngttcttt ttgcaggatc ccatcgattc 60
gaattcggca cgaggttacc tggggggcnt ntgggacgtc aacagccaga tgctgacggt 120
gctcagagcc ttcccttgtc ggagccggct cggggacgca gagactgcag ctgccatcga 180
agaggagatc taccagagcc tgttcctgct gggcctgtcc ctggtgggct ggtaccacag 240
ccaccacac agcccggcgc tgccatctct gcaggacatc gacgcacaga tggactacca 300
gctgcggctg cagggtcca gcaatggctt ccagccctgc ctgcctctgc tctgctcccc 360
ttactattct ggcaaccag gccccgagtc caagatctcg cctttctggg tgatgcctcc 420
tcccagcaa aggccagtg actatggcat ccccatggat gtggagatgg cctacgtcca 480
ggacagcttc ctgaccaatg acatccttca cgagatgat ctgctggtgg agttctacaa 540
gggttccct gacctctgga ggctccagga accctggacc aggagcacac ctactngaca 600
agcttaagat ctcttggcc agcaggacgc ccaaggacca gacctgtgtc aacgtncgtg 660
aacaagtgtg ccggcgtnct tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc 720
aattgtcttg aaggtccgga tggct 755

<210> 3798
<211> 784
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3798

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| nggccntttt | tgaaaaccct | tttcaaacta | cntgttcttt | ttgcaggatc | ccatcgattc | 60 |
| ggaaatccct | ctcctgacca | cttgtcagaa | atcagaaagt | gtggaagaag | aaaatattag | 120 |
| ttacctaaat | gagagttctg | gggaagagtg | ggattcctct | gaagaagagg | actctatggt | 180 |
| gcccaactta | tcgcctcttg | agagtcttgc | ctggcagggt | aagtgccttt | taaaatattc | 240 |
| cacaacttgg | aaacctttta | atcctaattc | ctggttgtat | catgctaaac | tggtggatcc | 300 |
| aagcacacca | gtccatatac | ttcgagagat | aggtctaaga | ctctcccatt | gttcccattg | 360 |
| tgtccccaaa | ctggaaccaa | ttcctgaatg | gccccctctg | gcctcttctg | gagtcccacc | 420 |
| ttttcaaaag | cctcttacaa | gtcccagccg | gctctctaga | gatcatgcca | ctctaaatgg | 480 |
| agcactgcaa | tttgccacca | aacagctaag | ccgaacattg | agtagagcca | ctcccatacc | 540 |
| tgaataccta | aaacagatcc | ctaattcatg | tgtttctggg | tggtgctgtg | gctggctgac | 600 |
| taaaanagtt | aangaaacaa | cttgacttga | ccccattaac | actantttat | ttttacattg | 660 |
| gncttccaaa | agggcagggt | naacaaactc | cntaacttgg | anttccttgg | aaaaaaaccn | 720 |
| ncnttttggc | ctctgaanat | ctnnngnngn | gggctaaatt | gganaaaaagn | gggtcccaaa | 780 |
| attt | | | | | | 784 |

<210> 3799

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3799

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|------------|-----|
| gcnnnttnatt | anatcagcta | cttgttcttt | ttgcaggatc | cctcgattcg | aattcggcac | 60 |
| gaggacaaag | caaaacatca | acattaagtc | ataggctagg | attatacaaa | tgagaacccc | 120 |
| caccttatac | attacttaat | ataagttaac | tacaaagagc | ctctccactt | acatttttat | 180 |
| catgcatctt | acattttaat | gtccttattc | ttttatagaa | aagggtcataa | tacccaataa | 240 |
| aaaagaatct | gtaatatccc | tgatgcagca | acaattgatc | acatgctttc | acatgtgacc | 300 |
| acaataggaa | taaaataaca | gcgtaaagaa | atttgaaagt | tgtattacat | cattattcac | 360 |
| tgttcaaaaa | tttttttcaa | gaaacaagta | cactttcaat | gaaattacaa | tgcttcagaa | 420 |
| aatctccctt | ttaaagttat | atacaaaaac | agcttttagt | gtggattcat | ttttatactc | 480 |
| aatactctga | tttagtgtaa | tgtctgaagt | gtcagtgccct | tattctagtg | taaattctca | 540 |
| tatttacgta | aaatcaattt | tgaattaaat | atthttttca | tatttacatc | tgcaaaaata | 600 |
| tacttttagta | taaactctct | gatgttttct | aagctataga | ttttgaaaaa | aaaagtcttt | 660 |
| ccaaattcat | tatatattgca | ggactcttct | ncaatataaa | ttccatgatg | tggaataaag | 720 |
| ctggagcaac | tgcttcangt | tttctcttag | | | | 750 |

<210> 3800

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 3800

```

gaaattcata canctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
atctgttact acttcagaaa ttgctgggtg atgttagggc cctcctatct gtgctctctc      120
agctacagtt tcccgtttga gcatattcat tcttttttat ttttgctctg aacaaaaata      180
ttagagttac aatattacta tattccaggc cttgctagaa actggggata aatctatgaa      240
tatggtcgct tccctggaag acctcacagt ccagggaagc caaacctgc agacatgcag      300
tagacttagt ggtctctctt aagggttgct gttgagtttt gacattggag attatgtaca      360
gacttgaatg actagttagc ctcaggcaca gcattctggt tggcnttggg gggggggggn      420
aantactgcc tctcagcctg ggcaagtcac ttagagatcg cctcgtcact ctncctatcct      480
ttgctgatgc ctctgggtcta ntacctctga ctcagcttcg cctttagaga tactcatgct      540
ttctggcaac agaggtcctt caaaccccaa ttcctattaa aacttccatc acttaccgcc      600
cttctttttc aaggggacca agccagnttt attnccccca ttttnccagg tnacttggtc      660
ccttgggccc aanaatgtgg tggaaaattt ttggggcaaa attccccntt ttttcccttn      720
tttttnttg ggancttcna nn                                     742

```

<210> 3801

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3801

```

gntnaatttc aaagacgctn ttgttctntt ngatgntcnn ancgacteta nttcngcacg      60
agtggcagtg ggagtcgaag cgagggctctg aagttcacga ctactagaag gggaggggag      120
tggaaggct ctcagtgaag aangtattan aattatttct gaattatcag tctctcattt      180
gtgctttgga gaagcnaaaa aggcnaaaagg ggtctttggc catcttctgc tggagcttcc      240
agggaggatg tgtctccaan agaccagatg tccgagtttg aaatcccaga acccangagg      300
aaaagaatca cagggaggaa aagactgtcc aaaggctcct ggagtcttct gttctctaac      360
cttgaangt tttgaacaat atttctcana ngatagccct ttttttccaa cctttttttt      420
ttntcatctg tccagcatga ctcaccccc gggagtgggt gaatgtcttg tctttcaccc      480
aagaaaggac ggacttttgc attgggcttg taaatttggc ccaactgggtg cttaatggga      540
agtaaaaaaa agagtcnttg cttaccatgc cggggaacct anaaattacc atcactggcg      600
tttttttngc ttttggttct tcaatggggt tggtaggggt attgaaatta tttantttnc      660
caanaaaata aaaaaatggg attttttaaa aaaatttttc atcccccggn mnaanttttt      720
ngnnnnnnng nttggaanng ncnngncn ntattnannc tttnnnttt nnnnnccntt      780
ttttt                                     785

```

<210> 3802

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 3802

```

gttgantttg aanccctctt gttcttttgg aaggctccca tcgattcgaa ttcggcacga      60
gagatgttat aaaatgtgta ggcttttaat atataagtta tttgggctcc tttgttttgg      120

```

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| gcataacttna | aacagaagaa | aaccccttct | gggggcagaa | aagctagaac | tgatatacac | 180 |
| agttccctct | gggtgggctg | ctatgtgtca | attcgatctc | cttaaaagaa | aatngtggta | 240 |
| gcctaaaata | gggtctttct | ttaccacaag | ttagatccct | ggcagcaatc | tacttctcga | 300 |
| aacagaataa | ccattcaact | atgacagcta | tcttaaaatc | atagactgta | aataatattg | 360 |
| gggcacttct | acatatcata | gaaaataatg | tttcaaccag | aaaacatctt | acctttttaa | 420 |
| agctttccnc | ccccctaaag | aaagacatcc | aatagaagtt | gccacttctc | catttatcaa | 480 |
| aagtaaaatc | tacttccatg | taggnccggc | nacttctttt | taccttncag | tcaattctta | 540 |
| actattttaa | gactaaaaca | aaataactta | tctgnntttc | cattttacta | cagtaaattg | 600 |
| gtattaaaaa | tagttcacat | ggcttttctt | tttaaaattca | aaaggggtatt | aacctgggat | 660 |
| ggtggaaaaa | cccaccttta | nccacacctc | cttaaaaaata | ccttaacctt | aacttntcta | 720 |
| aaaccaattt | accaganca | actngggggc | t | | | 751 |

<210> 3803

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3803

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| cttaattcca | tcagctactt | gttctttgna | agcattccat | cgattcgaat | ttcggcacga | 60 |
| ggccatcctt | ctctctggct | gtagactgag | gcttttctct | tgcttcaagt | cagagcagna | 120 |
| tttgttgatn | acctnncaat | aatgtttggn | nnacatgcc | ntnattaaat | taattcaaca | 180 |
| tgaagttgaa | tttgatgaaa | gtggtcacg | tatccangta | ttnggctttt | gaangttttg | 240 |
| cangtnaatg | gagatggaa | tcnccctgnc | acacacnctg | aactncantg | gtgcaatctt | 300 |
| tgntcactg | caacctccgn | caactgggctg | gagcaattcc | cctgcctcan | ccttnaanta | 360 |
| gctggaatta | caggcatgtg | tcaccananc | ccggggggtta | aaattntttt | tttnnatttg | 420 |
| aggaaaagcn | gggtcaccat | gtaggcatgc | tggtntcnaa | cccctgacct | nanngtatcc | 480 |
| acctgncntt | ggccttcaag | gngctgggat | tacaagctta | aancaccatg | tcagccagcc | 540 |
| aagtattngg | nttttnaaaa | atttgannnt | tcntttgctc | aaaggaata | naattttcct | 600 |
| nctgggtnaa | aaagaaacct | tttnaaagcc | cncccttntt | ttcaaaaana | aaaattttta | 660 |
| anttcntttt | ggngggtaaa | acctggcctt | naaaacctct | ttnacttggg | caaaataaat | 720 |
| tttaattttt | ttccccctt | tnantttttt | | | | 750 |

<210> 3804

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 3804

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ttnatttcga | naennctctt | gttctttttg | caggcatccc | atcgattcgc | ccagctacat | 60 |
| gggaggctga | ggcaggagna | atcacttgaa | cctgngagg | ggagggttga | gtgagccaag | 120 |
| attgcgccat | gcctgcagcc | tggcacggcc | agngnctcct | tgtcaaaaaa | aaaaaattaa | 180 |
| tnaatgcctt | tggttaaacy | taaaagcctt | tnntggacca | ncttaatgct | taaaatctgt | 240 |
| tttngttcca | ggtgggttgt | taacagggac | tcattttttt | ggtcttggat | anggatcccg | 300 |
| gctactcaaa | cagaaaatgg | aaggagggaat | ctggttaaag | aaaacaccag | tnccagaat | 360 |
| ggtgaagntt | tggnaaagaa | actcctttct | tgctcaaaga | aaaattttaa | agggtnggnc | 420 |
| cttttcccaa | aaaanccna | cacttttttt | tttcttgant | gaangggctt | taaaatttct | 480 |

```

tnggaaatag ttttaccaaa aatgggattt aaaaaaatcc taccgatcaa gatgagttca      540
gctagnaagt cntncncct caggatcagc ttaagtattt tacttgattt ttttaccaaa      600
tcaatgcncg tacctacctt aatccttnaa ataagtttan aatttaccta accccaaagt      660
ccaggagggt gttnttacca aaaaatagct ttntcaaggg ctggcnccta a              711

```

```

<210> 3805
<211> 668
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

```

```

<400> 3805
tganttcaat ccgctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg      60
gtggatcatcc ctaccttgtt cctaattctta gggagaaaga atttgtcttt caatgagtaa      120
gtctgatgtt acctntggga ttttttggtt natgctcttt atgtgtttga ggaaaatcct      180
gtctactcta gtttttagga aggangnccc tngaatecgt gttgnatact ntggcgatat      240
canaatngct atggngngng ncnnngnttat ncncattaag ctcggaataa ngtgggtgtg      300
cgacatcaca atgaccnata cantactgna ngggccctag cnnccaatcc ttanggttcc      360
nnncatttnt tctggctcng aatcaactgc atggncantn ngccccccna nnngaantan      420
ggaaggannn tcacataggt acatgtgact atccttactn aatctggctn taaaaacatg      480
gtcctnnaca tnaacatntt anancatact ttgcagatnt ttgcggnctg cnetgaaatg      540
tcccataaac aacntnntta cttnanggaa aaaanatact ccatgggggn naaanaacca      600
tggaggaang aaggnaaagg gcccncatg ccnctgcang tttancaagg gcagnttatt      660
tattctta

```

```

<210> 3806
<211> 707
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

```

```

<400> 3806
tgatttccat nnnngntacnt gtctttntgc aggatcccat cgattcgaat tgggcacgag      60
gactagaaaag aggcctctgc ctctagaaaag ctcagatctt ggcttctgtt actcatactc      120
gggtgggctc cttatcagat gcctaaaacn tnttgccata agctcgatgg gttctggagg      180
acagtgtggg cttgncacag gcctacagtc tgaggggagg gagtgggagt ctcataaanc      240
tnttnggtct tggccttatg gcnaccactg ctcacccttc aacatgcctg gtttacgcac      300
natcttgntc atgggaagag gtnggtggna gactctcana gctcaagatg ctnagagaga      360
aagntccctg aactgggccc atctgacttt ctacctacce cattggtttt tttggcncct      420
tttntccac tcaatanctt ctggcagnat nctcctgagc cacatgtgcc angtagtga      480
aaaacctnca tctttggcct cccaagagct ntanggactc ttcacagca ctagatttgc      540
ctcctctaag tntctatgan ctgcacccat atttnataaa ttgggaatgg ggtttggggt      600
atztatgcnn ncctataaaa actatactga gtcgtnttct gnananncaa nacnttataa      660
gnatncattt gatnnanttt ggnccccccc ccttcttana attnggn

```

```

<210> 3807
<211> 698
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (698)

<223> n = A,T,C or G

<400> 3807

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttanttccat | acagctcttg | tctttgtgca | ngatcccatc | gattcgaatt | cggcacgagg | 60 |
| tttgataaaa | ggttgtcagt | ttaatatcca | agcaattaat | aaagacaagg | tgtgagtttt | 120 |
| tctgttaatg | cacctctgtc | tttaatgtgg | aancaccgta | taaccatgca | tcttaccata | 180 |
| attgggggtg | atgtctgtgg | tacatgggca | caaacatttt | tctttcagcc | ttgtaatcac | 240 |
| atctccaagt | aatctaagca | aaaaagaagc | aaaatctaag | ccagtggaca | tgctganggc | 300 |
| tatcttaagg | gcttctggaa | tgacaaaggc | cagaaatcca | tcttcatatc | atTTTTTTTT | 360 |
| TTTTTggaat | cnaggtcttg | ctattgttgc | ccaagcttaa | aaaaattggc | ccgggggggn | 420 |
| ngcttttcna | ggngcnanat | agttaatgna | tcctttaacc | tcctgggggt | aaanganccc | 480 |
| cctgcctcaa | nccttttggg | gaacttggga | cccaaggngc | ncnccccac | ctgggaantt | 540 |
| taaaagcatt | tttatataaa | aaggggaagg | tgggctgtng | ncTTTTcctn | tttacctttn | 600 |
| aaaccgggga | atcaaaaaan | aaggggcaag | nggggatttc | gggccataca | agccnggggt | 660 |
| tggggtcctt | ggggggaaca | TTTTTTTTTT | TTTTTTTA | | | 698 |

<210> 3808

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 3808

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttccatcngc | tcttgTTTTT | tgcaggatcc | ctcgattcga | attcggcacg | agacactggg | 60 |
| ctcaggggct | gagccattgt | tgggtgctat | tacttggtgt | gggaaccaat | anggaacaga | 120 |
| aaacaancaa | aacactaacc | agagaancgg | gcttattgaa | tnctttgcac | ctaagaagat | 180 |
| taagaggaaa | aggaggaggt | tagagtgtgt | gcctctgtct | cctccgggtg | ctgagtgttg | 240 |
| ataagaaaga | tagatgttag | anggtagcag | aattgtgttg | caagaattaa | agccaccagc | 300 |
| agatgagact | tggaccctaa | ccaattcccc | aggagaacct | gtgaaaaatt | aatgtcttga | 360 |
| agtaatggac | atcaaaaagg | gcacttatTT | tttggaattt | ggnaaaangc | tctagatcct | 420 |
| taggaggatc | tattttgtct | atttgngngt | gagaaactan | attcaaagag | ataagtactt | 480 |
| gctcatcatt | agtatggcag | agccaaatca | actagatgta | acntgtctta | aacaccgact | 540 |
| gtaatgnaat | ctataactnt | actggagatc | tncaataaca | gcctcagtga | ccttgaaacc | 600 |
| cncagtngtt | agtaaataatc | ctggTTTTcc | tgatttagc | | | 639 |

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 3809

| | | | | | | |
|------------|------------|------------|------------|-----------|------------|----|
| nnTTTgaant | ccaatanata | tatngctant | tgtgcttnat | gcctangat | tcgaattcgg | 60 |
|------------|------------|------------|------------|-----------|------------|----|

```

cacgagccta cctcaccagg ttgtcgtggg gagtgaacaa ggtgagtggc cctcacctac 120
agactcaaca tatggccttt ggctcttccc acttccaaga gtcttggaag ggatgggtcg 180
agcaagcaga ggaaaggaag atgtgagttc ccaaaatgct cctcaccttt ttcttctgag 240
tgggctcctt ctcaactgcat tggagggtct gcggcgcan c atggctctcc accctgggag 300
actccgtccc tgctctctta ggtgtcaaga tcagaggcct cttgcttacc taccagactg 360
cccgggggca cggcatgaac cgagccttca gcttgccaac nttcnttggg aacnttttg 420
gnntgaattg caanttgagg gtgcnggccca tggacacccc ggcagcaacc agcatacaag 480
aagcccttgn cacgtgacct actcttacag caatcgcagc cctgccggcc ctanggagga 540
aggaagtcca acttcagtct cagagattct gatgcagtat atcaattgng ggttggtgt 600
ggccaagaat ttttaataac ttttnaaata accttctctt ggggtatttac caaaaagccn 660
aacttggtan tttggtcaat acaaatTTTT caccaaaacc ccctttaaan ccaaaaaaaa 720
aaatTTT 727

```

<210> 3810

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (728)

<223> n = A,T,C or G

<400> 3810

```

nttcnntttg aanccttaca nctcttgttc ttttgcagga tcccatcgat tcgaattcgg 60
cacgaggtcg tcggttttct gaggttactt cagctgacag agagattcag agaacgttaa 120
tggaggtaat atttggtaaa ggggggtttat aaagaaacca atgtttatta aatgaagaac 180
tgaacattgc atatttgata gtcaaaatat atagaacatt ttaaatgaaa tatgaaatTT 240
gaaaatattg tcaggaacaa acatgtttct ctatcacaaa ctctaagaaa atgactactg 300
gaaaataagg ctatctgccca aattccattt ggtatacacc tgtactatto tgtgtttttt 360
gagtagatca gtcattcata tatTTaaatt cttatgaatg tggaaTcctt ttgggccggn 420
gcgagttatg aagacatttt tgnnatggca tattaagact gttggcaata aatgagctta 480
attatgtatg aagctgctct aaaaatttatt ttttctctca ctttattgct gagactgagg 540
caactnaaat agntttgata attggaagan gatnnatgac agaatgaaaa gaatgcctta 600
aaggnccttt ccttccnagt ttttaccctt tccccactt cccaaaaatt cttntggaaa 660
aggtggaatn ttcaaaaaat tnccaaanta ccattttttt ccacctttca aaattgggaa 720
aacntag 728

```

<210> 3811

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (931)

<223> n = A,T,C or G

<400> 3811

```

gnntnannac ngaaactntt naactcctgt tcttttttgc ggateccatc gattcgaatt 60
cggcacgagg tggtgttaa gaaaacantg gtttttttct ttaaggatgat catttcatgt 120
tcctatggta tggatgcatg tagacctttt angaaacagt taatgaagtt taatctgctt 180
atgtggaagg aaaaggtttg aatggaaaag gcttcttggc atgcaacgga anccgccctg 240
cttttcccc gatgtgtcta ttttaggaaca tttctgtgac acttgccctg gcgtctgcaa 300
cctgctacgt ngctccttga tgganggaan aagcctggcc gtggtanagg gaaagctgag 360
ctctgttggg aaaatgagag ttcctattgg agaaatgcct ctgggcaacn tgnctggcct 420

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttncnnnaaa | ngtttggggg | ccgacatagg | ctgtgtacaa | gccanagtcn | aaggtattaa | 480 |
| aacctaacca | gccantgcag | aagtcagntt | gggaggttcc | nggaaagtgc | ctaaactaag | 540 |
| gccnnaaaag | gaccaaangg | gcccggcncc | cccaggggta | nttaaaaaaa | ttaaaaaaa | 600 |
| tccanccct | ccaaaggnc | cttaattntt | ncaanttttt | cccctgggcc | ccttaattcc | 660 |
| ccaattcctt | tngggncctt | tngggggaag | agcccnttna | aaatttttng | gcccancctt | 720 |
| cctttttggg | ccntttnaaa | aaaaaggngt | gggnaaangg | gggntttttt | tttttttggg | 780 |
| ncctttccaa | attgggggna | aaaaaggggc | ccttggggcc | cctttaaaaa | ggggggggcc | 840 |
| ttggggtnaa | ncctttccaa | ccntttaatt | cccccccaa | nttttaaatt | ttttgncccc | 900 |
| tttaattttt | aaaaatncct | tnccccccat | n | | | 931 |

<210> 3812

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3812

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gggcentncc | tnaacccttt | gaaactaccc | gnnctttttt | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | gnaaagaact | caaagggcag | caatncnttt | aagtaaggaa | accagttagg | 120 |
| agataattgt | ggtaatccag | ggaaagaaag | atggcagttt | atactggggc | attgccagtg | 180 |
| tggatagaaa | tagatctcag | aagaatttta | ggaagtagaa | gtggcaaaac | ttggtgactg | 240 |
| aattgtgagg | gcagaagtgg | gagaaatcaa | ggatagagtt | tcttaaacia | gctttggtga | 300 |
| agacagggac | taccctatct | gctgtcatgt | atccacagct | tagcaciaat | ctttatacgc | 360 |
| tggagatgct | tgataagtac | cgagtgaat | tttctggcct | gagtaccan | ataaatggga | 420 |
| tgccagtctc | tgatttaggt | aacacagagg | cagactcact | tgggaggtaa | ctggtgattc | 480 |
| anttttaaac | atgtctagct | caacatgcct | gtgaaacata | cacatgacaa | tgtccagata | 540 |
| cattggcaat | tnggatgaat | tgatttctgn | aactcaanaa | agagaggtct | gagatgggat | 600 |
| tctttgcata | ccttaccaaa | aaaaaaaaag | ttntgtttt | tttngnaant | naacncgntt | 660 |
| ttntggccnt | gttaatccca | ntncttttng | gggagggcna | ngnncggggg | ngtnnncna | 720 |
| agggntcngg | nntttaan | ccntcccan | cccaaatag | ggngnaaaac | cctttttttt | 780 |
| tttaaaaaaa | aaccttcn | | | | | 798 |

<210> 3813

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3813

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| atganncttt | tacaanctac | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gaggagaatc | ttatatcttt | aaaattgtcc | ctatgttaaa | tccagatggg | gtcatcaatg | 120 |
| gaaatcatcg | ctgttcttta | agtggagagg | atttgaatag | gcagtggcaa | agtccaagtc | 180 |
| cggattttaca | tcctacaatt | taccatgcta | aggggctgtt | gcaatacttg | gctgcagtga | 240 |
| accgtttacc | cttgggttat | tgtgattatc | atggccattc | ccgaaagaag | aatgtattta | 300 |
| tgtatgggtg | cagcatcaaa | gagacagtgt | ggcataccaa | tgataatgca | acttcatgtg | 360 |
| atgtttgtgga | ggatacggga | tacaggacat | tgcctaagat | actgagccat | atcgccccag | 420 |
| catttttgc | gagcagctgt | agcttcgtag | tggaaaaatc | taaag | | 465 |

<210> 3814
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(516)
 <223> n = A,T,C or G

<400> 3814
 ttcatttann ctnttttttt gcaggatccc tcgattcggga agagcttctg caggggctga 60
 gcagacccca gggcctctta gccaatcccc gggcctgggt aagcaggcga ancatatggt 120
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagtnttggg naaccancn 240
 taagccataa gttccctcgg gggcctggg ganaaaagnt tcaatcacng ggccaagggc 300
 ttctggcccc cattnattgn cttggacaag aactctgggt cacaagtctt gctnggtctt 360
 gctggggaan cccnaccnga cattgggccn cagacttgct ggtcttnttg ggaagaaggg 420
 caagacccca aaccaagatc caaaatacac ttncagctct taaccaaggc ttntttcaa 480
 gtcacaagtt gttgcngaa atcagtaaca agaagt 516

<210> 3815
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 3815
 attcattnca cnnctgggtc tttntgenag atccctcgat tcgaattcgg cncgagagct 60
 ggggggtgact acagctcacc tgcagctggg gagcaacttc aangcgtgag acccagggtg 120
 gccgggctg gaccctgtg ccatggcaac nntgatattn cagangtntg nnntangcnc 180
 atnactgtnn nnggtnttn tctaggngc cttaanttan cacatcnntn tntctcgnta 240
 gnnnaaatgn cctcntatna gcatnccttc cttcncctgan tgntnnatga gagcatgatn 300
 tataatgcct gaaagancct gggtnngnga ttatnnntna gttaataaat nattctnanc 360
 actatcacat gntgantgcc ctncnncnc ncctngnga aagagaanac tgacaannng 420
 gnntantnt antncctngc caanancnnn gttaccagcc t 461

<210> 3816
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 3816
 tntacgttca agctcttgct ctttttgag gatcccatcg attcgatggc cttattaggt 60
 attttatctt tcaaaaatat atgtncccaa ctgtgtttgt ttgtttcctg actgtgaaca 120
 ctgaaggagg ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtgtg 180
 gtgcagtga cttctgtagc acccaaattg tgggggtggg gaaaaaccat tccaccttaa 240

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| aagaaaacca | agcctttctg | gcaaaattgc | tgattctagg | ttttggccaa | gaaatgtaca | 300 |
| tgctgactgg | aacattgcat | aacagttagt | aaggaggctg | ttaaagacta | tttaggggtca | 360 |
| tttcagaaaag | actggagaaa | tgactgtaga | attcccactg | gccagagat | cnggtagaaa | 420 |
| cctgtgaagt | gtgttttaaat | tcttgagttc | ataatgggta | ttttaa | | 466 |

<210> 3817
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

| | |
|------------|-------------|
| <400> 3817 | |
| tgccntncag | ctcttggtct |
| aaactgcatt | ttgggggggt |
| ttgaaaaatc | aagatgggatt |
| aggaaacagg | gattttactt |
| gtagttgggt | tgtttataat |
| aacattccat | tgaataat |
| gttnaatatt | gtggcagcat |
| ttccaagtaa | atcattatta |
| | tctaaacagt |
| | gtctttttn |
| | 60 |
| | 120 |
| | 180 |
| | 240 |
| | 300 |
| | 360 |
| | 420 |
| | 459 |

<210> 3818
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

| | |
|------------|------------|
| <400> 3818 | |
| nnntnctan | tcaagctact |
| anatgaaaag | gcngaattga |
| gtnccttctc | ctcacttcag |
| gnnngcnegt | ccgnnctgct |
| ggctnccctn | ctcnnntnct |
| nagcgcaaga | gncnttgact |
| atgcatgatg | atgcngcata |
| ctgtcctncc | nacactatna |
| | gaggcngaag |
| | cnnacntgat |
| | ctcct |
| | 60 |
| | 120 |
| | 180 |
| | 240 |
| | 300 |
| | 360 |
| | 420 |
| | 465 |

<210> 3819
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(469)
 <223> n = A,T,C or G

<400> 3819

```

tannatcctt ancnnnnnnc tacttgttct ttttgcagga tcccatcgat tcggcctaaa      60
attagagaat tatctgtctca gtctttattc ctgcagaata caaatgtcac attctaacct      120
gttaagagat tgtcttcaaa ataaaactgt tattaactac attaagtta gacaaagtac      180
actttagggc aaaaggcatt attagggata gatttcataa tgatagagtt ctatagtaga      240
atatagtaat gcaactgaac aaaatgaagc tcattccact gcatggaaga atctcacaga      300
tgtgatgctg aacaaaggaa gccacgtaca aacacttact atataatttt atgtacatca      360
agttcagaaa caggatagtt acctttggga aggaggtaac tgaaagagta tgaggagggg      420
tttctggtat ctggttaatg tactttgtac cagttaccca ggagtgttt      469

```

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 3820

```

gatnccaatc anctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga      60
caaggacaag aaagaaagta cggttgcaac ggctggctcg catgcatgcc gacatgatgg      120
aggatgttga ngangtatat gccgngaca tntgtgcatt gtttggcatt gactgtgcta      180
gtggagacac attcacagac aaagccnaca gcngcctttc tatggagtca attnatgtnc      240
ctgatcctgt catttcaata ncaatgaagc cttctnaca naacganctg gaaaactttt      300
canaangnat ngncgggttt accagagaag atnccncatt tnaagtatac tttgacactg      360
anaacnnnga gacagntctn tctggnatgg gagaattnca cctgcaaadc tatgctcana      420
ngctggaaaag atgagntntg gctgncttgt ntcacaggaa ag      462

```

<210> 3821

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 3821

```

cttnnttaga tacagctact tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggattcatc ttcttgttct ttaaaagtca aaaggctttt tgacctttaa ataactctta      120
catctgggtca tcaactgttg aatgttctac taaattttca gagtggaaaa gttttaggct      180
taaaactgac tggtaaaaat agaataatttc tttgtattga tttttcagta tagctgtaca      240
gccagttatc cttcggttaag tgtttcggta ttaaaactgc tcacatttgt aaatattgag      300
cagctttatt gtcagaacaa gaatcccttg gtttcccaat ccccaacttt taacattgta      360
attaaacatc ctgtataacc tattttattc tctgccaaac aattttatga ctgctgtttt      420
tactctttgt gatgaaaatg ggatggagaa gataagggttc tttg      464

```

<210> 3822

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 3822

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| attncaatac | aagctacttg | ttcttttttg | aggatcccat | ccgattcgaa | ttcggcacga | 60 |
| ggcantagct | gtggggatgg | agaaaagtgg | acaaattaat | tagagagatt | tagaggcaga | 120 |
| ttgggtgattg | aattgagcag | ggcagtgaga | ggattcccag | gtttctgact | gaggtgtcta | 180 |
| agtggggatg | gtgatgaaag | ggggaatatt | gggagaggat | cacgtttgga | gggagactaa | 240 |
| ggcaccatca | gtattctaga | gattagaggg | ctgtgagaga | attgtgatan | gagggattta | 300 |
| ctctttggca | gatatccaag | cgtggaaggc | ctgtttgatg | gactgtcctt | gataatcaca | 360 |
| ggcaggtata | ncctcaaggc | tttgaggatg | gctctaaagt | acatttcaaa | caccacctcc | 420 |
| tccacaaagc | ctttctacta | caactccatc | ccctgagtag | agt | | 463 |

<210> 3823

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (470)

<223> n = A,T,C or G

<400> 3823

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| anaatacctt | tacaagctac | ttgttctttt | tgcaggatcc | catcgattcg | nananataan | 60 |
| aangnnaaaa | tncagcaatg | gtncacaggc | tnnncnctaa | nnnatctgcc | tgetgncatc | 120 |
| agagccnatg | tnctgggcnt | nntntctggg | gntacattat | ttaggccant | ntatcanggc | 180 |
| caacccctcc | anctgnctan | tagangccat | gnccactngn | taattcaagg | gcccagctcc | 240 |
| aggnnngttt | ncttctctng | gggancatca | gttnncttnt | nnntaccacg | ncattcccat | 300 |
| tngcatgttn | tngccgctnn | tcttaataga | taatatnnaa | accctnattn | ctcncgctna | 360 |
| ctaantacca | tcattnatnn | agtaaaanat | ctnanaaaag | nngncaancn | agnngntnnt | 420 |
| gatnctnctc | ctccctcccc | ccacctgtgt | ttttaanaga | caggattccn | | 470 |

<210> 3824

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (465)

<223> n = A,T,C or G

<400> 3824

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ttanttcnat | acaagctact | tggttctttt | gcaggatccc | atcgattcga | attcggcacg | 60 |
| agaattcata | aaaggagtta | gttgacgtca | tgtgtggcct | tgtctagaag | caaaaattat | 120 |
| aatatcaaaa | gctctacgta | tgaattgggc | cttaatgtct | ttgtactcat | ttattctttt | 180 |
| attgaaaaaa | agctctaaat | gcctattttg | tgtcacataa | ttgagatttg | ctttgaaatg | 240 |
| tctgattctt | tactatagta | ctatctgagt | tggtcacagt | ggtatgggtga | tccatactct | 300 |
| gaactgttcc | attatctgga | attaaaggca | tataataaaa | agaaatagac | tgtatttagt | 360 |
| ttattctagt | gtaataaatt | gaaaagtaaa | tagatgatta | gaagcaagtg | ttccaaataa | 420 |
| aaatttatca | gcagtataac | aattctatca | ttcattccaa | cttgg | | 465 |

<210> 3825

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (460)

<223> n = A,T,C or G

<400> 3825

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| cnttgnttcg | atacagctac | ttgttctttt | tgcaggatcc | ctcgattcga | attcggcacg | 60 |
| aggagagtct | cactctgttg | ctcagggttg | agtgcaggca | tgtgatcata | gctcaccgaa | 120 |
| gcctcaacct | cctgagctca | agtgatcctc | ttgccttacc | tcccaagtag | ctangaccac | 180 |
| aggtgggcat | gaccacacct | ggctaagctt | aaaatttttc | tgtatangtg | gtgtctcact | 240 |
| atgttggcc | nactgggtctc | agatgcctgg | gctcatagcn | gtcctcctgc | ctcaaccttc | 300 |
| caaaggctgt | tgattgttta | aatacgaaaa | antttagaan | atatantttt | acgcacttaa | 360 |
| ttnttagtct | ggatgatatac | catccaaaan | gcntctnatg | ctggggcacng | ttgantcatg | 420 |
| cctattatnc | cagcacttng | ngaggecnan | gcnggangat | | | 460 |

<210> 3826

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 3826

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| nncnntttga | ttcnatacan | ctacttggtc | tttttgcagg | atccctcgat | tcgaattcgg | 60 |
| cacgaggctc | aatcaatatt | tattgagtgc | ctacgacata | tcaggctcag | ttaggagctg | 120 |
| gggataaagc | agtgaccaaa | gcagacacag | ttccttctcc | agtgagatta | taatccagat | 180 |
| gggataggct | ataaataaag | gaagaagtta | acatatatca | ggtgggtggt | agtgtgctg | 240 |
| agaaaaatga | aggaggggag | agagaaaagg | ggatgccaca | aggctagggt | agagagttct | 300 |
| gtttcataca | gtggtaaagg | aaggcctttg | tgttgagtgc | tttgctctgg | aacgacttta | 360 |
| ggatggggaa | gaggcccagg | tggcacctag | acatttgaaa | gtaagggtcg | aggctgcatg | 420 |
| tctctaccta | tattttcttt | catgtttgcc | tttcatggat | tttttttcta | tgtatctaga | 480 |
| attaaatata | gaactagggt | gaaatatccc | tcaaaaatgg | tatgggagca | actattagaa | 540 |
| tgaataggac | tcttggggcc | aatgggatgg | aatgtctgtt | tctggtcaag | aggattgatt | 600 |
| ttgatactgg | aatagaatat | tcacatatat | cttcccattg | cctgactnca | atgggtgcct | 660 |
| agctttccat | caaagtggga | cttggtgagg | tggggatgtg | gatgcatatt | aattaaggta | 720 |
| cagctggcac | cggcttaaat | agaagggaag | g | | | 751 |

<210> 3827

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 3827

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tnncnttcan | acangctact | tggtcttttt | gcaggatccc | atcgattcga | attcggcacg | 60 |
| agaaacgacc | acctttacga | gaattctttg | tcgatgactt | tgaagaatta | ttagaagggtg | 120 |
| agagaactct | ttaccacacg | tttcttccag | atgctcctat | gggtcccgtaa | acaatgatat | 180 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| ttttttctgc | aaggctatatt | tacttttttaa | gagcagtaat | cgtggcattt | gccgcatgat | 240 |
| gggaacccan | gtagggagcg | ggtgatgttc | ccaggcagcc | ttggtgtcgg | caggtctcta | 300 |
| aacctggttg | ttagtcgtcc | tctgtgggag | ttgattttgt | tctgtgaccc | aggtcaggtc | 360 |
| tctctctaag | aactctgtaa | gagtatagaa | atacaagtaa | agtataaaca | tgtagaaaaa | 420 |
| caagtaaact | ggggaaatcc | ttcgctggca | gcaaaactgg | cgt | | 463 |

<210> 3828

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3828

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| gcnnittgntt | nnatacanct | acttggttctt | tttgcaggat | cccatcgatt | cgaattcggc | 60 |
| acgaggagtt | ctcttgtgtt | ttactctttt | tacagtgaat | ccagcagtg | gtgtagcagc | 120 |
| agtgacactg | ggctctttac | caatgatgaa | ggcgacaag | gtgatgacga | acagagtgat | 180 |
| tggttctatg | aaggagaatg | tgtcccagga | ttcactgtcc | ctaactctct | gccaagtgg | 240 |
| gctcctgatc | attgttctga | agtagaaaga | atggattctg | gattggataa | attttcagat | 300 |
| tccacattcc | ttttaccttc | tgggccagct | caaagagggt | accatactcg | cttgaatcgt | 360 |
| ctacctggag | ctgcagctcg | atgcctcaga | aaggggcgaa | gaagctgggt | gggaagggtga | 420 |
| tacctctcac | agttagcttg | gctcagtggt | gagataatat | tccctatggg | agttgtgtat | 480 |
| cctattaaca | atcagagggt | ctacagaact | ccctgaagtt | aatggagcca | actggaatgt | 540 |
| gttgggagtt | tacaagagtg | aacattatgt | agcatgtgaa | tggatataca | aataaaaagat | 600 |
| gaaacgtaat | tcatatagaa | gtactgacaa | aaaaaaacac | tgtcattaca | gtgtctattg | 660 |
| cctgtaaacc | tacaagcctg | agctggtctt | ctgtaacttt | tgattaatgt | tatgttatta | 720 |
| ttgggtaagt | taaaatctct | tggcttn | | | | 747 |

<210> 3829

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 3829

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| tttccttttt | gtaaacccta | cttggttcttt | ttgcaggatc | ccatcgattc | gaattcggca | 60 |
| cgaggtaaaa | cacccctac | agttccaatt | ctgggcctgt | cttctatcta | tctttgccct | 120 |
| tctggtccgt | tccctgttct | gagccccagg | gaacttangg | ctgaaagtca | ccccgaagc | 180 |
| ctcagaccag | atcgggaggc | cacacgcagc | tcatggggac | agagggccca | gggtgacggt | 240 |
| ccactcatga | gaagtgtat | gtgactncag | ggagtctgtc | cctcttccgg | gctccaatcc | 300 |
| ccagcccaag | ctcagatgac | ccagcctgtg | tcccttttagc | ggccgangag | ccaccacctg | 360 |
| ttcgggggct | ggaggatggc | ttccaganga | cctgggacac | tcacctagct | cgttcatggc | 420 |
| acggcggtac | tcctcatcaa | aggacaagct | tcataacagc | acangtgg | | 468 |

<210> 3830

<211> 467

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 3830
 cnttgatncn tatacancta ctcnanctct tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggggggtctc ttctactgtc ttattggacc ctacgagtgg ctctgagcca 120
 gcagtcctgt cagttgattt cttggctgtt cctttgtttt cttctataat cacatgtgga 180
 ctacagaatga attttgagtt actctgaaat ctattttatc aacagatatt tacttagtac 240
 ctctatttgc cagactctgc tttatgttgg atattatttt ttaaaagccc accttgcccta 300
 gatttcctca aaggaccagg tggcttccct gggtttgaaa gaccctaatt cttactatga 360
 tcttaagtaa attatatcct ttctgtgggc tcaagttctt tctaagaggg ctctttgggg 420
 ctacaaaaga aattgttagt gcaaaaagag tttataaggt ttataaa 467

<210> 3831
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 3831
 tntttnanta cttnaantcn natacanct acttggttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgagccgag ctgacaagtc aactctaagc acttatctag aagactgtaa 120
 atttgacaga gagcgaatag aactgttttg cacggaatat cagaataata agaattccct 180
 agaaatccta ctgggaagta taggcagatc tctccctcat ataacggatg tttcttggcg 240
 cttggaatat cagataaaga ccaatcaact tcataggatg tacagacctg catatttggg 300
 gaccttaagt gtacagaaca ctgattcccc atcttatcca gagattagtt ttagttgcag 360
 catggaacaa ttacaggact tgggtgggaa acttaaagat gcttcgaaaa gcctggaaag 420
 agcaactcag ttgtaacttg gggaaagttaa cgatccgccc gagtgcagag g 471

<210> 3832
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 3832
 tataccattt tgaattcnna tacaagctac ttgttctttt tgcaggatcc catcgattcg 60
 ctgctaaaaag gcggatagat gttcagttcc tccatgaaat gagatttagt tcccatgtaa 120
 tggcattttc cataataact gctgatatca tcaaggtaaa gagagctgct tctcctaact 180
 acccatgaaa gaatttagct ttttatattt ctacctctcc catatagttt aatctctccc 240
 cactgcgagt atgactgact ccaaggattt gaagtctgtg ctctaattgg gaattcaatg 300
 aacaagactt cagtgaatga actttttttag ccatattata taaaatgaaa aaggatctgc 360
 tctctatttc aatctcctgt acaattgtc ctgaacagta gtacagaatt gtagagatag 420
 cacattatgc aacctggctt tttatctgag acatacttaa tgaaagcaca 470

<210> 3833

<211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

```

<400> 3833
ntccnttgga ttcgatacan ctacttggtc tttttgcagg atcccatcga tttegaattcg      60
gcacgagccc ctgtgcccct tccccaggaa atcaagtcct aaggaataag agtttggttg      120
acagagttga gccttgagg gacacaaaac attgtaatat ctaagatttt tttcatactc      180
tcccagaaag aaccaatttt caccctgggg tggcggggtg gtaaaattgc cctgttcag      240
aatacatgct ctaataagcg gcagccatgg gattttatcc taatactgag tctagatgcc      300
aaatcttttt caccctgtct caaaacaaac aacaacaaca gcaaaaagat cactttggct      360
gtttttatatt ttggctgtta tgtgaagaat gaattgcaat ggggcaagag tagaagcacc      420
aggagaaaag caaatgagtt ttgaataaat attttcccct atctt                        465
  
```

<210> 3834
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (469)
 <223> n = A,T,C or G

```

<400> 3834
tgccttttga ntacngntac aagctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag aaagcatgtg tgttgggggg tgcgtatcat ttaccatgt gataagcact      120
tttcataggt agcaaagaca cattatgtaa acttaggagg agggagagaa tgcaaatttg      180
catgtgaatt ttattttgat taatcgcttt ttttgctttt cagcaatgtt atttatgaac      240
aacaaaatta tagaaaaagt gagaaaaagt caattatcaa ttattttctg atgaacaaca      300
acaaagacaa aaaaatgggt ggattgattt attttcccct gacagaattg attgtttctt      360
taggttctat gcaacttgca gactcactga ggggtgaatgg aatgtgctga aaattcagcc      420
tgacttgcca gctccaaggg acacacctca atgtagagaa agcaggaat                        469
  
```

<210> 3835
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

```

<400> 3835
cnncaatntgg ntcccgttcc aagccacgag cccattttgc aggatcccat cgattcnaat      60
tcggcacgag gcacaggcca cggagagaga gaggccgggc ctggatgaag ccgtgggctg      120
tggtgccgtg cgaggcccan catgcttgga ggaaagggtca ccgtggctgt caagtgtctan      180
ccagggcnng agccgggctt gtgtttctcg ctcantntna nccatctntn atctgnttca      240
aagggnatte aaaannccng ggtcagattg tttcttggat tacnctgac gtctggcctg      300
ccttatccac cctggaaaagt tctaagcaga taatanntat gtggcatntc tgaggttttg      360
  
```

atgccccgag ccgtttataa tatgtttccn gactgaaagc tgggccctga ntnnctnngc 420
tgagnnctac nttggaaacc acgttccctt cagnctcatt atcac 465

<210> 3836
<211> 1039
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1039)
<223> n = A,T,C or G

<400> 3836
ccagccanaa nacnngana aaaggncnga cgnanacaga nnncgannnc gacgccngnn 60
gaanaagcan anancacccc cccaggcggtt ggaacccttc anagncgacg aaggcagacc 120
cacgancgaa ccggcacgag actgannaga ncnggcncga aaaagtgtgn gccatactga 180
gaccacggg cagcncncc gccnctacag ngncaggngg accagggaca ccncnggacn 240
gcgcanacn gagaannaag gaancnangg ccggcacgaa gggcaagggg gggannnctg 300
cacgggacgg canaacngca agccagcctn caagcnggca agancagacc agngggcggc 360
aaaaacaaga aacagcccga ggcncagccc ggcncncaac caggcccnaa ncaagaaaag 420
anaagcaccn gngcnggacg gcngnaccca cacaacgggc acgnaaaaag ggcngcccgc 480
gnggacacng cnnnncatng gaaaccaccn ccnggnaaaa ancaccanaa gggggccngc 540
aaaaaacccg aacnggganc aagngccann cagnncgggn aaanaggang naaaaacngg 600
ccagnnngcn accngggaaa aaaaaaacgn cncnnnatn gncgcnnnncn cnnncacggc 660
aananaccan agcgggacag acanngancg canacanang cgancggaga ananggaaag 720
aaggggagaca aaacagcang anngacgaan anggnacacg cnacacgcac agcgangnng 780
nancaaaagn annncngca nnannagnn gnangcaaaa naacgcgang agannagana 840
gnggacgcac nngcncacna ganggcgnnc ngacgnnncc ccaaaacgac nnacgnnnng 900
gagcaganaa cgacgcacna naaaggacgn anganncann nccnggaana aaggnaaaaa 960
nngnnngnacn anggcgacnc caggagacaa canangnnaa agcnaagccc cnagnacaaa 1020
agcaccaaaa naancnccg 1039

<210> 3837
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

<400> 3837
gcnnnttgat ntncatacan ctactgttc tttttgcagg atcccatcga ttcgaattcg 60
gcacgagctg ccttccaaca aaatcgtcaa gcgggcagag gaggttggtg ggcaggagtt 120
gccttattcg ctgaccagtg acaactgcga gcacttcgtg aaccatctgc gctatggcgt 180
ctcccgagc gaccagggtg atcttcagcc tgcattccct tcccaggagc caggccactc 240
cctcagctgc cagaggctgg gtccctgctg gggccagggt gggatggaaa tagacatgag 300
caagacaaaa tagcagatat gaaactgttg tccttgaggg tgtcacattt ggggtgggga 360
caagggtggg gagataggca agtcggcaat gtagaccagt gcagtggtgt ggggggtggc 420
cacagaaggg agtcacagcc tgaaacagcc ctccacagcc ctagaggccg gctttatgat 480
tcccacttta cagatgggga aactgaggct caccgtgctt aagtaacttg tccaaattca 540
ttaaactcct agttattgag tctctagtc atgtcancca tggatgaaga cgggggagtt 600
aaacctacat gtgttctctc caagggcccc gatcaaggaa agctttttgta gaaanangtc 660
acaccgcagc ccacctgatt taattatttt gattaatctt gaaaaaaaaa tgaacctgga 720

gattaccagg gaaccggggg ccaataanga agtgtagct

759

<210> 3838
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 3838
gncnntttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
gcacgaggca cgcagcacc actcagcacc tcttagaaga tgcgtccgta gtatatagta 120
tgatttttcg aaggggattt tgcctcatatt aaggggttgct ttagggatgt ccaggaaggg 180
tcaggtaagg aatctttcaa tctgctttct aattggctta gttttccac tgtcttcgca 240
aaaggacagg aatttccagg ttagtttgca gcttgctttt catcaagcga aatgctcatg 300
ctggttggtga gatggttaata gaaacctttt gctaccttta tttatcaaga gttgtggagc 360
cgaggaaaccg tgtcttgga gttgtgcagg attgaaactc acaaaaaagc ctggttggaag 420
aagttgttac ctatatttat tcaaggcagt tcacaagcct tatactaact ttgcggggtc 480
tttcagttga gcttacatga ctgcgcttg ctttgtgcct tggcagccaa catttgccat 540
gcaggaggct tcccagaaag gttcggattc ctcttcaagt ttgagaagcc tgactgagac 600
cattctcagc atggcatgac ccgtgaatca ggaagtgaga atctggagta ctgctaaggc 660
accttgtggg tggaaatgag ggtttgagat gccaacctt ctgtgccttc ccacaacttc 720
caattgtttc cattgctcat ttgaccaacc t 751

<210> 3839
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 3839
nccnnntgaa tncccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60
tcggcaccag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtgtaa 120
aggggtcccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180
ccagattttt gagataaate aatttatatta tttgcaatat ttacatgcct acatgggtttt 240
ttaaagtatt tttaatgtat ttttaatgat taaaaaatta tgtcccgat ttattagtca 300
ttcattactt accattattt gcatttaatc cttaaagcag aagtgtacaa aaaagagatt 360
aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420
atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccatttaga 480
ggaaataatt ctgtctactt tttgagtgtg ttttttaatg cttttacttc tgggtgtgggc 540
atgctggatt ttatatcttct aaaaaccaat aaaatttggga aggcattgcc tctaaatggt 600
acctaaaaaa tagaaaacac aaccntaaa tatgcctagt aattagcaca tattttatctt 660
catagaaact gattcctggc tggcctgggtg gctcacacct ggtaatccca acactttggg 720
angttgaagc agggggatgc ttgacccttg 750

<210> 3840
<211> 751
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3840

| | | | | | | |
|-------------|-------------|------------|-------------|------------|------------|-----|
| nccttttgat | ncctacanc | tacttggtct | ttttgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgagatta | gatactatag | taggttaata | atgactaaca | ccttgatcat | tcactactga | 120 |
| gcttttgtct | aagatagtct | ctgaatttag | aactgggacg | aaagtgtaca | taataggcta | 180 |
| ttataaaatt | tttagaattg | gatttctaaa | cttgggggtca | gtgaatctag | caggcttaag | 240 |
| cagtgttctc | aggtttttct | ggcacagaca | aggaatataa | gaggaggaga | gaaaaggaga | 300 |
| gacagtagtg | ggaggggaata | gaatgagaga | agatagaaaa | tatggaatta | atagagaaag | 360 |
| gatacatgaa | gtattacaag | atcttcttgg | aaaaattggc | atttcagtga | tggatcaaag | 420 |
| atgtctaattg | aggcaaaatc | tactattact | taaatattta | atgttttaaa | gatttgagga | 480 |
| taaaaggata | tagatctgat | ggcgttcata | ctaattgctg | tagtgttgat | gttgagaga | 540 |
| gggttaatgt | atcaagacag | agcagacaga | ccctttacaa | tgagagcaga | agatatgttg | 600 |
| tttactgatt | ctactttccc | acaaaatgct | aatgctttta | taagtccctc | ctcctatatt | 660 |
| tctagattaa | ctcctgtttt | cttctcttaa | accagangat | tatggcagac | aggcaaaaaa | 720 |
| aaaaaaaaaa | aactcgagcc | tttanaacta | t | | | 751 |

<210> 3841
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 3841

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| aaatacacaa | caggcaagtg | ccgtatacca | ggaattgttc | aaggagagca | ggtagtttgt | 60 |
| cttatattct | aacgtgggag | aaagaaagca | aataaattac | atgaattgat | taattgatca | 120 |
| gttgcatggc | ttttagtata | catttctgtc | agtctgccaa | ccagcacagg | tcccttatta | 180 |
| gcatgggaga | agggcctgat | cactgaaagt | attatagatt | tatagagtat | tgaaaggaaa | 240 |
| cttaaggaaa | ttgggggcag | tggcctttta | gaaaacagcc | taactccatc | agtgacttct | 300 |
| gcttgcttgt | gcctctcata | tgtgatctgc | tactggcctt | tgttacttct | ctctgaaata | 360 |
| acacaaaaat | tatgtttagg | gctctcattg | acttcaactc | caaaccatat | gttacttctt | 420 |
| ttaaaaacat | aatttctaaa | aaaaaaaaaa | aaaaactcga | gcctctagaa | ctatagttag | 480 |
| tcgtattacg | tagatccaga | catgataaag | atcattgatg | agtttggaca | accacaccta | 540 |
| gaatgcagtg | aaaaaaatgc | tttatttgtg | aaatttgnga | nctattgctt | tatttgaacc | 600 |
| attataagct | gcaataaaca | agttaaccac | caccattgca | ttcattttat | gttcaagggt | 660 |
| cagggggagg | nggtgggagg | ttttttaatt | ccgggccgcg | ggggcccatgc | attgggcccg | 720 |
| gtccccactt | ttggtncctt | tagngngggg | naatgcccc | tggcgtaaac | atgggcatag | 780 |
| ctggttctct | tggnaaatgg | | | | | 800 |

<210> 3842
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 3842

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttatnctttg | aaacacncta | cttgttcttt | ttgcaggatc | ccatcgattc | gaattcggca | 60 |
| cgaggaaaag | gccccagaat | gggctngctt | gaactggaaa | aacacacttt | ctcatccctt | 120 |
| ttggaccacg | agcttcttga | gagcaaagca | tgtgtttgat | attcctttgc | tcaccctcag | 180 |
| gccttgtttg | gcaaattgcc | tgggatacag | aaaataagga | caaggtctgg | gtgtagtggc | 240 |
| ttatgcctgt | aatccacac | tttgggtgac | caaggcagga | ggatctcttg | aggccaggag | 300 |
| ttgcagacca | gcctgggtaa | catagtgaga | ccttgtctct | gcaacaaaat | ttaaaaatta | 360 |
| gccagacttg | gtggttccca | cttgaatcc | cactatttgg | gaggctgagg | cgaaaggatc | 420 |
| acttgagcgc | aggaatttaa | ggctgctgtg | agctatgatt | gtgc | | 464 |

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3843

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gaaatcttta | tcantactt | gttctttttg | caggatccca | tcgattcgaa | ttcggcacga | 60 |
| ggctactcag | gagactgggc | aggaggattg | cttgagccca | ggagggtggg | gcttcagtga | 120 |
| gccatattca | caccactgcy | ttccagcctg | ggtgacagag | caagggtgcta | tctocaaaat | 180 |
| aaataaataa | atgttaaatt | tgtttttttc | tctctctctt | tttttatgta | gaatttgttt | 240 |
| gttgatactt | actgaatgta | gtgacctgac | tgtggtaatt | aacacttcta | gtgccttcta | 300 |
| ggcttaaaat | accagacagc | cccaaataac | aaatgctctt | ttgtgttttg | atagggttga | 360 |
| tttctgtttg | cttaatatgt | ggaatactgg | ggggaaaaaa | gatgggtgtt | tcattctaag | 420 |
| gattgtccta | aagaaagtgc | tactttattt | ttaagaaagt | aaggccactt | gttatataag | 480 |
| aaataacaag | ttcccattgg | gtcccatttt | gcaaaagggy | ataaagaatt | aggtatagag | 540 |
| catcatcaga | ggcatatttc | actatacaaa | gtgttgtcac | ctgtctatac | aactctccta | 600 |
| cccagctcat | cctcactttt | catacctgat | gcagcaaaac | aattcaatgc | cataggagaa | 660 |
| ggaagctgat | ggttataagt | gactaacacg | atattaggca | atttgtccaa | atttctcatt | 720 |
| ttctttatag | gtaaagaaag | cattcttatt | tgattaaat | | | 759 |

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (954)

<223> n = A,T,C or G

<400> 3844

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| gggnnnntttt | tttggnnnaa | aaantttttt | ttncccccca | nnaaaaantt | ttnttttggg | 60 |
| gnaaaaacca | nnccccccct | tttacctnng | ggggaaaaaac | ccttttncnc | cnnnggggcc | 120 |
| cnangggggg | aaaaaccccc | ccccaaancc | cgggaaaant | tncccggggg | naaggcccaa | 180 |
| aaaaaanggg | naaggaaact | tngggnnntn | ccctcggggg | nngggaaaaa | aaatgggaat | 240 |
| ggtaaaaatg | ggggcccaag | ganntaacc | aagggggncca | aatgggggng | ggggggaaag | 300 |
| aaaaaaagna | aagggggntn | ncncctcccc | taaaaacncc | caccaanggg | ggggaagcca | 360 |
| anggaanttt | accccnnggg | caagggaacc | aataattaac | ccttggaatt | acccgngggn | 420 |
| acccgggcat | ctgggaaana | nggnnnacnc | atgtggagta | naacaanggc | ggctaataca | 480 |
| nccaaggggg | ccaagngggg | cacacatnca | tncnngctcc | tggaaccngc | atatgcnatg | 540 |
| ctctcctcta | gaacactngt | ccattngcca | cgggtctctc | acatgaccaa | ancctacatt | 600 |

```

ggctccaaaa atcnccangt aaaatggcac ttccccaaag aagggggaaa ttttnnaaaa 660
cccccccccg acgcaggcca aannggaccc cctggggtac ttaancanag ccattcccna 720
ncaanacttg gnagcactna aaagnagang ggggganaat anctgggncg gacaacacgg 780
cnactctnng gctcaggatt aagngggaaa gnggaanaaa ctggggttnt caggacngga 840
ntccaactct aancgggggg gttaaagga aaaaattcnn ggactgaaag ggggngggan 900
ggggggaacn ggctccagaa aaaggaactc cataccctcc tttaatcaca gaca 954

```

```

<210> 3845
<211> 828
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = A,T,C or G

```

```

<400> 3845
tgtaggcaa ctgatgacta tacttatttc acaactggta atgtgaatta ttattgcata 60
aactatagt ctgaggcccc agtctttaca ctccattta ataacttcac agtttcatat 120
cttcttgaga tacttactaa tttcaagtcc catcttggtc acaaggagtt gtgaattaga 180
gaacaattaa tatcaccagt taaagaagtt agattagaaa tctgaacccat cctaaacata 240
agaagtacct gcattctcag agtcttatcc caaagccgtt ctgctaaatt gttcaatttt 300
ctccatagca gagctttcca ggcctttatt tgggaagtgt ttatctctat gcacagttat 360
gtatggatag tatacataat actagcaagt gttattacct agtggttaact ggtggngtat 420
ttacatcaaa atataactta atttatcgat atcttttttag gggtttccca ttaatcaaaa 480
cacgtgatat atgtaatcag ttgcangttt tctgtgactg ngacagtaga gagtccttca 540
tcctctgaag ttgaagaagg tggatgattc ttcanagagt gttcatgaaa gngcctggga 600
aaactagtnt tgaacaagaa gcattaccgg gaaaactggg aggagtgnct aaagccnttt 660
aaaggaagaa agaattgataa ggcttaaggg tggtaaacn antcaatgaa cctgggacaa 720
tgaaaaagnc cccctttaaa aaaaaataaa atttntnttt ggtttggaag cccttcatgc 780
ncaggcattt gacnaaantn aancccgga tgaaaaaagg ggtttttg 828

```

```

<210> 3846
<211> 1046
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1046)
<223> n = A,T,C or G

```

```

<400> 3846
tngttaagca ttcaattttt agatncattt ntcacaaatg catgattctg gccctnaaat 60
ccgnatatnn gcataatntc ccnttcaggg gggatacana aatgggnnta tgcacacact 120
antcngngng cagcnaaatt tctgggtggg gnaactggc ggctnatgnt ngtaaaatgg 180
ntcnatagac tatctgnanc acanngnann tntncaccc tgnatgttga actatgaaag 240
atcctttntg cgcttaattt tacggntaag gngcaagntn ttggcctcca aaccnatgtg 300
tntcataaat gtgccanacn taaattattn ttgaactttt tncagaaata ctaaccatta 360
aanggangtn ttcnagattg gcaacntaat ggcaagccct ataatttgca cacttatttc 420
ntgcaggnga tggatttttg ttnatcaagg gcataatctg tggcccagaa tcttttggtg 480
aataaatng aaanaaaaac cccattttaa aaaatgaagg nggaaccatt cncctttnaaa 540
atcaagcnaa ttnggcttan cnttttaaaa ttaaccncct gggttttatt aacncggng 600
ggtaaagttt naaaaaaaa aaaaaaatt tttttaang gggaaaaatt ttnaaaaggc 660
cntttaacaa ngggggnaaa ccttaaatcc ttttccantn aaaaanggnc ccctaaaaaa 720

```

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| aaaaanggtt | acnttngtn | aaaaataaaa | nttttttaac | ccccctttcc | ttnggggggc | 780 |
| cttttttcat | tntttaatnc | ccccaaaatt | tttttttttt | tttnaaangg | aggggggggg | 840 |
| nannnntaat | taanaacaat | naatttttaa | anaaanaacc | anggggggtct | tttggttttt | 900 |
| tgtttgccc | caaaaacttg | gggaggtgcc | aggggggctt | tttnaaagg | ncccccaatt | 960 |
| ctttancttt | acctggtaga | ngggaatccc | tttgcttggc | ccccattctt | tttgganana | 1020 |
| ggnttggggg | aatatttggg | cctttt | | | | 1046 |

<210> 3847
 <211> 1021
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1021)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|------|
| <400> 3847 | | | | | | |
| tacctgatgg | ttgnnttnt | ctcctgnget | gtcatgtct | gcttaactac | ctactctanc | 60 |
| agcaccaggn | agnaggaata | atatgtctct | ttcatgataa | actggcttgg | aaggccttnt | 120 |
| ttgtacatgc | aatgttgnan | cttcaggtnt | ccaaggtgga | taatgttggg | catnancatc | 180 |
| ttgctttggg | gcttgnntt | cnaagactca | tatgtatngc | cctttnttta | ttttnaagnc | 240 |
| ntctnantgg | ccccaccng | nngagttttc | ttgaatgctt | cnngagaaaa | tttcccaana | 300 |
| anancgnctt | tnaccncaaa | cttccccctt | atgggntaac | tttancanta | aaccccgga | 360 |
| ggancnttta | attcngcnaa | cccantanaa | aaanttgnt | cntttgggcn | ccaaantnnt | 420 |
| ttaggttaan | ctncaatgta | ncnannance | tgtnntntct | tgtaaattnn | tcaccaagna | 480 |
| cnntnttgtc | nattgnccac | gttccntnng | gnnggtccnc | tatttttggg | tttggttaaa | 540 |
| angaaggget | ngncntatng | gggccncnng | naaaantgcc | ccnanntctt | cnannaagna | 600 |
| accttgnaca | accaannccc | ttcttnagna | nttcnnnaaa | ccanttgcan | ttgttcnggc | 660 |
| tngctttgta | atttncaagn | caattctttn | gnntaaccga | tngttntnn | tnncagaana | 720 |
| gggaaattcc | ccggcntcaa | ttaaagggtg | gcctggcnan | gatttnanna | aaaannnnaa | 780 |
| nnnaaaatna | tngnnggcct | ttttnaaact | tnnnnnnggat | ggcggattta | cnnnagtant | 840 |
| nnccnngcat | gtnantagnn | annacatgtg | nnttannttg | ggaaccaanc | cccacctttn | 900 |
| nantggcgty | nnnaaaaaaa | tagctttttt | cgggnaaatt | tgggcaggcc | tatgggnatta | 960 |
| ttgttntaac | atttattngc | tcnngatnna | nnnttnacnc | cacnntcgcc | tctatttctn | 1020 |
| c | | | | | | 1021 |

<210> 3848
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 3848 | | | | | | |
| tttggctctg | gagtntnatc | tacttactgn | catcttccnc | ggncnttggc | ngtgccttgt | 60 |
| tccatgccgc | ngtgaggcta | tatgagatgc | gccttggagc | ngcctggatt | tttngnntgt | 120 |
| aacacngtgg | gctgacttgt | gnntctatnn | nanatngccg | attatacaan | cnngngntcn | 180 |
| ctggncann | actantgntt | nagagnnttc | tnnaaccenn | nccgctgttn | cngctggnet | 240 |
| gancngangg | ncttgtgtgc | agtnactgnt | tcccttttnc | caggnnnnng | ccctnganng | 300 |
| catactntnn | tgctgtcnc | agtgtntnng | ggancntttn | ntcanngana | ngtctcctg | 360 |
| accngnnaag | gaacatntnt | ggantgacat | nngnngnanc | tctngangta | tggggaaacc | 420 |
| canganngtg | gtcaataang | ggccctacaa | acatgtttng | gaaggctcct | anggcattng | 480 |

```

ggnnaaacat ntncacnnnc tatacaagtg gcttnncaaa gngaaagcgg ttattcntnt 540
antaactcnc nnnacnggac ccannantga ccncggcttg nnacntggn naaccnntc 600
ntngaactac gggccnttaa ngaccaacca nggttggttc ttgccaccat tttcttntgc 660
canccacaaa cctggccttg ggnaaatttt ncggttgcat tantaaaant ganggggggc 720
tanctgcttt tgggccctct ttcnaccttn tttntgangt angntttttc ntttttntc 780
ncgnncantn gataagaata ncntttgggt tgaagttttg ggtnccaacc nccttctnt 840
naatttctnn tggaaaaaaa atnnnttntn tttnggcgna aatttgngn angcttnt 898

```

<210> 3849

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 3849

```

gaagttcaag taagatctca gtggtgacag gtctagctta tttcaagagc tgcacaaaag 60
ccacttaacc tggcaacaaa aagttaatgt gttggttccc ttggtgtat tatattcagt 120
ctattaaagt tttgattgtg atgttttcat tgcagttttt ataccggata aaatgtattt 180
tagaagtaga acttttggag ctgaaatagt ctgcagaatg tagcttgaaa accacggcag 240
tgaactacta agggaaagt tccagaattca agtctagact tcatcacttc atagctctgt 300
agctttaggg caggttcttt agcctctctt tgtctcgtt tctcctgtg taaagtaggg 360
ataataaaag tatccatctc actgggatat tttgataatt aactgagtta acccatgtca 420
aacatttaga acagtacctg acacacagta aatgctcaat aaaaattaca tattgntata 480
ttgctgttct agtttataag aacagggtgc agaatccagt tttgaaatga aagccagaa 540
ctgtgagaaa tgatggtttt ctctattaga tgttctagga aataaggaaa catcaagaat 600
aatacagcca tgcttagaac aagttaaata tatgtccctc ttggttttg actttctctg 660
tcacttccgt gctggtcttn ctctttccag nctcttcata ctctaattc ttggtctcagc 720
ttctacttgg actcctntga agggatagaa aaaaaaaaaa aaaaactcga gcctttaaac 780
tataggggtc gnntacgtan ancc 804

```

<210> 3850

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3850

```

ttcctacctg cncctggaatg cccagagca cctggccttg ctgaagcagg ctgtgctcgg 60
gttccagctt ccgcagatgg accttccacc cctgggggcc ccctggctcc ccgtgtgctc 120
catggttgct cagtacgcct ccagatccc cagctcacgc cagacacagc ctgtnctcca 180
gtcccagggtg gagaacctgc tccacagaac ctactgtatg tggaagaaca agagtccttc 240
cccagtcctt ggggcaggcc cctcggtcac ggagatcca tgggatgatc ttatcgctt 300
gngtatcaac cacaagctga gagactggac gccccccgg cttcctgttc atcagaggcg 360
ctgagtgaan atggtcagat attgtgtgta tttttttaa aacgatttga aaaaatatga 420
tgttcctttg tcgtgggaac aagccangtt gcanacgcan aaggagctac agctgataga 480
gggacgtttg gcaataaaag ctttttctat cttctgcaa acaattttcc cataccattg 540
cttcacatnc accggacttg gaagaggagc acagagtgtg cttnagangg gaggattccc 600
agcacannag gatctgattg cgaaggagct tttgctgagg gagctctttg gcgcagtggt 660

```

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| ttntcgagca | ntcttgcttg | ttggggnaaa | gaaagaaaac | caagaggggt | tnaanaatca | 720 |
| gccttcacca | atggntgggt | tgaaagaact | caggangcct | tttacgggt | ttaaactttc | 780 |
| cttnccccctn | ttnttctttc | ctcagacttt | tagnggtntc | tttttcacac | tnttggaaacn | 840 |

<210> 3851
 <211> 841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(841)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| <400> 3851 | | | | | | |
| tttattgacg | ggaagaggtc | atcttttttt | ccttctgaaa | acaaatatgg | attaattgcc | 60 |
| tcaaatttgt | ataagtgatt | ggctagtgat | tcttgttttc | agaagggaga | gtggatataga | 120 |
| tagaaaatga | caaagatggc | aatatacact | taatgttggt | attgtatgtt | gttactgaag | 180 |
| tacttagatt | tttaaaattt | caaatcctaa | atcacttctt | gtaggaggggt | tttcattaac | 240 |
| tgcagtatat | acagttcact | acatatgggt | tgtttgagtt | ttttgtgtgc | tgtatttctt | 300 |
| tctgtttttt | aatacctggg | tttgtacata | tctaactctg | ttctcttttg | gttggttcaga | 360 |
| aactggattt | tttttttctt | aagcagtgtc | taatttgtgt | tttttaattt | tgattcanaa | 420 |
| gtagtccag | ctcatagggt | ttcatactgt | tacatccaga | acatttgtca | ggctctctgt | 480 |
| cagctttcat | gtacatatgg | tatagaaacc | catggagtta | ggcacttcct | ggattttttt | 540 |
| tttatgagaa | aaaatctgta | tttaaaatgt | aaaataaact | tttaaaaaag | canggcnccta | 600 |
| atatatatatt | cttnccgcct | ttgattacca | aatttgtccc | ttgcncatgg | ttaaagatga | 660 |
| aattatcttc | ctaaaaaata | tcaatgggtc | ttgggggaacc | aggggggattg | ttacntttac | 720 |
| cataaccaac | nggttnccctg | gcaatggggg | tcatgggtcaa | aaaaattttt | tgggtttttna | 780 |
| aacttttntt | atttgnccct | tggtttgggtg | gattaagncc | aagnncaaag | ngccgaattn | 840 |
| c | | | | | | 841 |

<210> 3852
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----|
| <400> 3852 | | | | | | |
| gataatgaaa | ataaaaattt | tgtgggctct | tcatagtggg | tactttgatt | atgtgtgata | 60 |
| atactgtgct | gtgacaaata | atataatgaa | gaaattaata | ccaagattgc | tattctgaaa | 120 |
| gattaaacat | tctttaatac | ttagatcttt | catctgttta | tgtaacaaac | cctaacatac | 180 |
| aggcttaatg | ccttgcagat | attaacttct | ttaacttaat | ctttgtaaca | gtcccatgaa | 240 |
| gtaggtctat | tattattaca | ttttccattt | gaggaatata | agacataaag | atattaacta | 300 |
| ccttgcccaa | cagctaatta | gtgggtggagc | ctacttttga | actcagacac | tctggctcta | 360 |
| gactcttttc | ttttattaac | cactgcacta | tgttacattg | tttttttatt | tttaacttaa | 420 |
| gtgtgttaac | cttgaatttg | aattatgttg | tattagcctg | gtaagtggga | tcacagaaac | 480 |
| gtgtccactg | cctagatggg | aagagatcat | ttgtctttca | tctttgcata | cttaacatca | 540 |
| aaatataagg | aagaacaaag | gaaatgttaa | tcttttaaaag | cctcaaagta | taactccttt | 600 |
| taaaatgcta | atgattctgg | aaaatgggtca | gacctttaac | tgcttttagtt | gaacatttta | 660 |
| gacaggagct | aatattttta | acaaggatag | caggaatcat | atgtttttatt | tctgatcctt | 720 |
| gacaaagctg | aagagttgca | tcttcataag | ggnttcactn | tntgntacac | actagactac | 780 |
| ttgcaagggg | tgcccn | | | | | 796 |

<210> 3853
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (827)
 <223> n = A,T,C or G

<400> 3853

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gcatatgtgg | gaagtgnngt | tcccgtccag | gcctgtgcct | cgggccacag | caactgnnttc | 60 |
| gtgtgctgga | gacgcccaga | ccgacaggcg | aatggntcga | gtgcacctcg | atccgagtct | 120 |
| cagcacctag | actaattagg | atgacctcag | agatgctgaa | gagtaccttt | ggtcagcctc | 180 |
| agnctttttg | nttttggttt | tttttgagac | tgtgtctcac | tccgtcaccc | aggctggaga | 240 |
| gcagtgggtc | gatctcagct | nactgnagcc | tnaacctctc | agactcaagc | tattctccta | 300 |
| cctcagcctc | ttaactagct | gggatcacag | acatttgcca | ccatgcccgg | ctaagntttg | 360 |
| tactttttgt | agagacaagg | gtttgccatg | ttgccaagct | ggcttcaact | cctgggctca | 420 |
| agtgatgcct | gcctcagcct | ccaaagggtg | tgggattaca | ngcgtgagcc | accgcacctg | 480 |
| gcctgttatt | ttttaattag | ctgnggaatt | tttttttcca | nataaaatat | tataaaattt | 540 |
| attaaaaact | ttatttctca | aganggggaa | cngggaaata | ctaattcccc | aaatggttcc | 600 |
| ttttacatct | agaggtccaa | attttccnca | atngaaaant | ttctttcaat | tttcggtact | 660 |
| ttttttggtt | ggtttngaga | anggaagtct | tgntnttgct | tnccaggctg | ggantacaag | 720 |
| ngagcccgag | aacatgcccc | ctgnattcca | netggggnga | caaaaanccg | acnttttttt | 780 |
| aananaaaaa | nangnnnnnn | annnnaaacc | cgggccttta | aaattttt | | 827 |

<210> 3854
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (826)
 <223> n = A,T,C or G

<400> 3854

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ctgaaagggc | agcgggcaga | aaccgggctg | gggctggcat | tagctttccc | tcctcccagt | 60 |
| ttctctccag | cgcagcagg | cacctctagc | ccagaaaaag | aaaactgact | ttctcttatt | 120 |
| tctgttttct | gctgctgcta | atctctcctc | gaagggttgt | gtggcttctt | gggactctgg | 180 |
| aaagaaactg | caggggacga | ggacaaagga | aacagctact | gtagtcaact | cagctatgca | 240 |
| ggctctgtgc | tagccctgga | aaggcctgga | cgttcangtc | tgctgtgccg | ggggtaggcc | 300 |
| ccagaacaga | gcggtgggcc | catcgctctg | caccacagct | gccagggctc | aaaccttggc | 360 |
| tctgccttac | ctggctttgg | gatcttgggg | gatgcacagg | acactctgtg | cctcaatttt | 420 |
| cttatcttgt | aaaatggggc | aaataacctac | caagtcatag | gggtgatgta | aagtctannt | 480 |
| gagataatgg | agggnaattt | cttttttttc | ttaacttaaa | ttttggatcc | nttttgggtc | 540 |
| gatntttgta | tattgggggg | naatttctta | naagctngaa | agttattnaa | tgctgcttat | 600 |
| gagccaaata | ctngccnag | ggctcttgct | cagatcattc | cagttaatcc | cacccaagan | 660 |
| cccaacagcn | caaggggttg | cttatatttt | tggggngnga | nggaactggg | aacccnaggg | 720 |
| gaagtcacgg | gncttngcc | caaagttacc | cccgaagttn | aagcgtttaa | aaccaagaaa | 780 |
| tttgaacccc | caagccaagc | ttgaccnant | ttggtttgct | tnggcn | | 826 |

<210> 3855
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3855

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctctcatggt | aatgccagtc | atgctcctca | gtcatcagaa | ccagcaaaaa | tactcctcac | 60 |
| atgtccttag | atagttgcaa | atgctccaga | gaggggtaat | ggcactgctc | ctacttgaga | 120 |
| accactggct | cctgtaactg | cttggectag | ttctaacttc | taaaatgttc | tcctttcctg | 180 |
| agagtataat | gaagagccag | atactttgtg | atctttctat | cattcctctg | gcttcttgga | 240 |
| cttccttaat | gattgagctc | agatgctgga | gtcacatcgt | ctggctatga | aatcaagctc | 300 |
| tgccatttac | tgggtgtgac | cttgaacaat | tacttaatct | ctccgtacct | cagttttctc | 360 |
| agataaaatg | gagataatag | tgacatccac | ttatTTTTgt | gaagatgaaa | tgaaataaag | 420 |
| catgtaagct | ggttatcaca | ctgtccactg | gtggaggcat | ggtaattgna | tgaaggggat | 480 |
| gacgatgatt | gacnatgacn | atgatgatga | tgatggctcc | caaccttaag | ggcttattcn | 540 |
| agccagaatg | tgaaattgac | cttaataatg | aatactncaa | aaaacacaga | caggcacatg | 600 |
| atntattaga | aaangnagca | actacggngg | gagtcaagta | aatnctaaac | accctctgcc | 660 |
| tcaatctgta | tggntttgaa | atgtccttta | nccgtcttga | tttttacata | tctatgaaaa | 720 |
| ttttgnggtn | catggggggt | aaacaaaatg | gatgacttaa | gccnttgggg | agtaatttca | 780 |
| taaacaacct | tgttgatatg | taataaaaaa | cc | | | 812 |

<210> 3856
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3856

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttgctttaca | ttggtgaaaa | aagtcatcat | ttcgaagcca | ctcattncat | cggaattggg | 60 |
| agggccacca | tcttatagct | gggcttgtga | acctttgact | tttcccagta | tatattggac | 120 |
| tattttgatc | actgctatat | gcttctagtt | cctcaatcan | natctgccac | agaggaggcc | 180 |
| ctctaaattt | tttgtggaat | tacttaatga | aatgaatgan | tgattattcg | ccttcacagg | 240 |
| attgtgtgag | accatataan | gtgtgtagag | cggtttgacc | tcccaccatt | gaaatgctcc | 300 |
| ttaccattag | catctaaagt | gattcactag | agaaatgtgt | gtgctctcnt | gacagtctgc | 360 |
| ttgttccacc | ttgctggaat | ctaaatccac | gagaatcctg | tgttcatttc | tctctaaaga | 420 |
| ataattacga | ccatntaagg | taatagctaa | agaatcnaga | cctgtaagaa | ctcttancan | 480 |
| gtacagtggc | ctgtgcctgn | agtcccagct | actcangang | ctaangtggg | aggattgctt | 540 |
| gaaccnttga | gtttgnggct | gnagtgcctt | atgattgtgt | ctgcgaatag | ccactgcatt | 600 |
| acagcctggg | caacataaag | gaggaccatg | cctttggaaa | aaacaaacaa | cttnttgggg | 660 |
| agtctcctaa | ataacctatt | tnaaagaggt | caacaatttt | gcccgggtgg | gttggcgngg | 720 |
| taaaggacaa | aaanttgcca | ttnggtttnn | atnttttaaa | ggnnnnnagg | ggngggggnn | 780 |
| ngnnnggnnn | nntaaannnn | gggcccnngg | ggcccattna | nttnggnncc | cngtt | 835 |

<210> 3857
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3857

```

ggtgnttnnn ccttgaaanc ttatacanc tacttgttct ttttgcagga tcccatcgat      60
tcgctccaag gatcacagta ggatcctcgt tggtgacagt cgaggccgag ttttcagctg      120
gtctgtgagt gaccagccag gccgttctgc tgctgatcac tgggtgaagg atgaagggtg      180
tgacagctgc tcaggctgct cggtgagggt ttactcaca gaaagacgac accattgcag      240
gaactgtggt cagctcttct gccagaagtg cagtcgcttt caatctgaaa tcaaacgctt      300
gaaaatctca tccccgggtg gtgtttgtca gaactgttat tataacttac agcatgagag      360
aggttcagaa gatgggcctc gaaattgttg aagattcaac aagctgagtg gagaccatgg      420
tctgtagacc ccttcccgat tctcctgtcc cagcttggaa ggcattgaaa acagtctccg      480
tttacacatc tcttcatacc acgtgtttga agtggttaaaa ttcaaagga tcattgaata      540
aaacgggtgt agagtacagg aatggggcag acgcgattca ggtgaacagc acaagaagaa      600
tatgangtgg ttcttaggag caacactttc gacctncagt cttcctgatg acagtactgt      660
ctncaagaga aaaatcctca cttattaact ctcttttctt gcattctcatt ttatagagct      720
actcctcctt atttggaaaa accancacca aaaaaggctt ttagaaaatg gt              772

```

<210> 3858

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3858

```

ctctggctct tggaaaaggg cagtgtctct aaaccaggc aaacggtaaa tgtggggcat      60
aggcaagagg gtcccgggta ggtggccact tccccatcat gctcgtttct cttttgtgt      120
tttttagtaa naaaaacaca gtgtgttctt ttgccagac attaatcttt agaatgcctg      180
tattttctaa tgttgggatt tctttcaca ccaccacct taatatttcc attgtgactc      240
agaaaatcag acttcattcg attctttaga gaactataaa tactgttgctc agtagagtga      300
agtcttgtct tatgtaatcc taattacaga atgtgttctc agaagaggta ggctagacca      360
gagctgggca gaccacaggc agaggccaaa tccagcccc tgcgatagt agctaata      420
agttttacac ccacttggtc atgtattttc cctggctact tgtgggcagc aatgccagag      480
tcaagtcac ataacagaga cagaatggcc tgaaagctgg atttactatt tcaactttta      540
cattaaaact tgatgacccc tgtgctagac aggcagctca tttctgcagg taaaattata      600
ttcatctncc aactttcatt ncaaaattga acctatatta ctgaggccca aaaaannnnn      660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnccctn ngccctttaa      720
aaccttttgg gggncgnttt nccngaaccc nccctganaa aaaaccttgg tggagttggg      780
ccaancccc nctttnaatg ccngaaaaa aattnttttt              820

```

<210> 3859

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3859

```

ggtgnttccc ctttgaaacc ctttanacaa gctacttgtt ctttttgcag gatcccatcg      60
attcgaattc ggcacgaggg tgggcaggca gctgcacctc attcctgaga ccatccgggg      120
cagggtcttt ctgactgaga cacacgacct tgacaccaga gagaattctg tatttcccca      180
cccttgcagg ggctgcccct agagaatccc atcgggtgag cccaggaacc cacaagttct      240

```

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| gcacccctcg | gatgggtagg | cattttgagg | gcattgaggta | ggcgttacag | tgataagata | 300 |
| cacagggtct | taaaccacag | aggccccggt | tcaaactcctg | cctcttctaa | gtacaaatta | 360 |
| gttggctttg | ggaagtgagt | caactttgcc | cggggctgca | gtttcctcgc | tgtcaaatgc | 420 |
| atgggagagg | gtgtgtgaag | agttaaaatg | tatttagatt | tcactgtagt | gtctcctcca | 480 |
| acatgatctc | acactccttt | tacagtataa | gcaggctgat | gtcagaggct | gtgactcgcc | 540 |
| ctgccagggtc | taagaccgtg | gggcgtgggtc | acagggtacta | ttttangact | cctctnacca | 600 |
| caggcactga | acttgggggt | tgcatatata | tcacccatt | actcctcaga | agatactgta | 660 |
| acgtaggatc | ttttattggc | tntattgagg | cttaatgcat | ccattttang | nggtacaatt | 720 |
| tgatgagttt | tgacaaaagt | ntaancttgt | aaccacaatn | nccganttca | tgacact | 777 |

<210> 3860

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3860

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gnnnnntnnnc | cttgaaacn | ttatacanct | acttgttctt | tttgcaggac | ccatcgattc | 60 |
| gaattcggca | cgaggacaca | ttaaaagaga | gatatcaaaa | aattggtgac | acaaaaagga | 120 |
| atactcccat | tgaagctctc | tgtgagaact | ttccagagga | gatggcaacc | taccttcgat | 180 |
| atgtcaggcg | actggacttc | tttgaaaaac | ctgattatga | gtatttacgg | accctcttca | 240 |
| cagacctctt | tgaaaagaaa | ggctacacct | ttgactatgc | ctatgattgg | gttgggagac | 300 |
| ctattcctac | tccagtaggg | tcagttcacg | tagattctgg | tgcatctgca | ataactcgag | 360 |
| aaagccacac | acatagggat | cggccatcac | aacagcagcc | tcttcgaaat | caggtgggta | 420 |
| gctcaaccaa | tggagagctg | aatgttgatg | atcccaagg | agcccaactc | aatgcaccaa | 480 |
| tcacagctca | tgccgaggtg | gaggtagtgg | aggaagctaa | gtgctgctgt | ttctttaaga | 540 |
| ggaaaaggaa | gaagactgct | cagcgccaca | agtgaccagt | gccttcagg | agtcctcagc | 600 |
| cctgtgggact | ctgactcaat | tgtacctgca | gctcctgcca | tttctcattg | gaanggactc | 660 |
| ctctttgggg | gaaggtggat | atccaaccaa | aaaaaaaaaa | aaaactcgag | gcctctagaa | 720 |
| ctatgtgagt | cgtattacgt | agatccagac | ttgatagatc | attgt | | 765 |

<210> 3861

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3861

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| ggnntttnnnc | ctttgaaacc | ctttanacaa | gctacttggt | ctttttgcag | gatcccatcg | 60 |
| attcgaattc | ggcacgaggc | gagactgtct | caaaaaaatc | aaaaaaaaga | aaggggatgt | 120 |
| aaaataatcg | ctgcaagtta | cagtgttttt | cattaatgac | ttccaaatgt | ctcacatgta | 180 |
| ttgtctcttc | ccagtagcat | aaacaaagat | gcaggggagg | gcaatgagtt | cctacaggcc | 240 |
| ctagagctga | cggtaggggt | gggaatacag | ttcacaccgc | gtcttcagct | gtgttccttg | 300 |
| tggatgacat | ccactggaca | gccaattgat | aaaaacagtt | atcagttcta | aagtgttagg | 360 |
| acaattacag | cttattcaaa | gaaaactcaa | ttaaggagga | gttagtaaaag | ctagtattgt | 420 |
| tcttatcgtg | tgcaatgctg | cagtgtcggc | tcactgcaac | ctccatgtcc | caggetcaaa | 480 |
| tgatcctccc | gagtagttgg | gactacaggc | atgtgccact | atgcttggct | aatttttgta | 540 |
| tttttttata | gagactgggt | tttgccatat | tgcccaagct | ggtctcaaat | tcttggaacg | 600 |

```

aagcctggat ttgcctggct gccatttctg ggttttgccg caattcagtt ttttatgaca 660
ggcagaccag tgagtagaat acagttcttt ggataaagga caaactgaag cactaaaaat 720
ggagagtcac tttaaagcaa aaaccagtgg aaatgtgtac ttggcttcac c 771

```

```

<210> 3862
<211> 707
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

```

```

<400> 3862
ggtgnttnc ctnngaaacc tttatacaag ctacttgctt tttttgcagg atcccatcga 60
ttcgggaaaa ataacatggt cactttatga aaggaagaac caggnaaaaa taatagaaaa 120
taatgaacat gagtggagat atagatgaaa gctaaataag cattcactgt gtcttatcaa 180
gagtgactaa taagctgaca gctttatttg agttctggta agcaaattaa tatcatataa 240
atcattactaa ttgggataaa gcaaaacctg ttatcaaatt taaaaactgt ttaataattc 300
aacactccag tggtttgcc tgtttaagca aaaggattct ggccaagata ttttacttca 360
gctctctgcc aaagatgaca attgtcagtg atttgccag aggggggact taagtctttg 420
gtaaggatcg ccaacagctg gaaagtattt attgcataaa atatgtccat gatactttac 480
caacattgta gagaatgtaa gctataaata cagttatatt acaaagagtt tacaatctaa 540
aattaaacac aagaatttac ggaaaaatca ccaaaacaaa ttaaattggaa atatcatttc 600
acaaggttct ttaatttttg gccatatatt tgataataaa tacatatgtg ttntagctat 660
cttacttctc ttcttattct gatttnacct nntgtggtcc cctgctg 707

```

```

<210> 3863
<211> 621
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

```

```

<400> 3863
tgnngggcna ganacccgnt ngggctgcaa gggccggctt gaccnacgn atnccggggc 60
ananatgcct gtcnagncnn caaaggaagg ttgtnncgct ttacgcctat tgggtgaaaa 120
aancccnttn tngaaggtct atcctcaaan ngcnntnngc gttcnccga ctggccgttt 180
atncaccnct ggnaagagg ganttnattn naccgcgtct tttttanaag annnnaaagg 240
ttcngcatnn tggggcnnnn gnnacactg gctttgaana gcnanagctg agtgacatcc 300
accagatnc aaaatggtna catgtcaact gtggccgaaa acgnggccgc actgncccat 360
ccgctcttcn ggagnttgtn ggccctttat ncgcacnaaa ttgcagcctg ccggatactg 420
tattcacaca ggctntgagg ggggagggat tgtnntcaga atgcattaag cgcnttnaat 480
agcctgcntc ngttgctttg tcaantggtc ttnacatgaa tgcccgtccc ctgaatatcn 540
ngtaatcatc taccnnacct gggatcgcaa nncgttaaaa canaagggca agtgacggng 600
gtcgtactgn gnaagagctc c 621

```

```

<210> 3864
<211> 790
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3864

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ggngnntnnn | nnntttggaa | ntctannata | caagctactt | gttctttttg | caggatccca | 60 |
| tcgattcgct | cagcccccca | gtttttatgt | ggacatgttt | tcattctctt | tggatatata | 120 |
| cctaggagtg | gaattgcttg | gttgtgtggc | aattctatgt | ttagcattcg | aagaaattca | 180 |
| ttgaatggta | agctgaaaag | tgacgtggtt | gaatttctga | tttcagaaag | atcactgatg | 240 |
| tgatgagaat | gaataactct | ctggagtgtt | aggatgtggg | ggcagggagc | tagcttagta | 300 |
| tattattgca | aaatcttgcc | aaagatgagc | tgatcaaagt | agaggaagca | tgaactaaga | 360 |
| ggggagcagc | aggagtggaa | aagagagata | taatgatgtt | agtacagagt | ttatatattac | 420 |
| agaacttgaa | atgcagctca | ngagtgggag | gagtcangtg | gtgccaagcc | tacataaatg | 480 |
| agcatgggtg | tgcttttgac | aaatagggag | aagcaganag | gggaataaca | ttttgtagtt | 540 |
| tcttaatttc | taatatgtct | tgagataggt | ctctaattat | atgcagctca | attnacagat | 600 |
| gaaagttatt | ggtttatcat | gcattcatct | ttatgaaaag | aaaggattcg | gccttgcttc | 660 |
| ttccttggtt | ccaaagtatt | ggncagggct | tgggcacngt | ggcttacacc | tgtaatnccc | 720 |
| agcgcttttg | ggaggctnan | gcaggaaaaa | tccttgacc | ctgggaaggt | naaggttcca | 780 |
| ntganccan | | | | | | 790 |

<210> 3865
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3865

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ancctttana | caagctactt | gttctttttg | caggatccca | tcgattcgga | attcggcacg | 60 |
| agagtgacta | cttagaagat | gctgtcccca | ccttcgcccc | ctccctctag | ttgccccaat | 120 |
| gtcttacctc | ccccagcttc | actcgggcta | gtggaggtct | tcttagactt | ctttcaaggc | 180 |
| ggaggattta | gagtctgggg | tgaagtggcg | gtgatggatg | gctggggacg | tggggctgct | 240 |
| gactcaatgg | tgatacatca | agcagttaat | taagggacaa | gttatcttct | aagtgggagg | 300 |
| taaaggattt | tctgttcctt | tgttcttaat | gctcatatta | atgccatttt | ccctcatgga | 360 |
| gacctcaggc | tgtgtctaaa | acgcttccat | aattcctttt | ggcactgcta | gaggtcagca | 420 |
| ttgtccactc | gtgaaggaca | caggtaagtc | acagacattg | gggcttctgg | ttgttaaagg | 480 |
| ccaagaatgt | gggatgaaaa | ccccccgtgt | ccccatagca | agttaggggt | tgctcancag | 540 |
| ggctgttttc | attcagacaa | gcagctcatt | ccaaaccagc | cccagagagc | cgcttcaata | 600 |
| agccattgtc | tgcccaagga | ggaagaactg | ttgtccaagg | ctgtggntaa | tgcatgacat | 660 |
| tggtagtgtt | tccaacaagt | caaaacttgg | ttacagaaaa | gcagcantga | cnaggatctt | 720 |
| ggaataaatg | ccttggaacc | angtgccaag | gaattttcca | cgcatn | | 766 |

<210> 3866
 <211> 1154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1154)
 <223> n = A,T,C or G

<400> 3866

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|------|
| tattgatctc | acctgctttg | agtccatcnt | caattcgnc | agccnggtcn | agagtaactc | 60 |
| tgcactccta | gctgggttgc | cttaacaagt | ctatttaact | ttttcttagg | gtattttctaa | 120 |
| gagagtcca | aaatggaaaa | aaaatnctat | ggtggtntgg | aaattttaat | gaataataaa | 180 |
| ttcccathtt | aaggttaaaa | ataacccaaa | aaantaacca | cctccgtant | ccattaagan | 240 |
| catttttagg | agnaagttn | cctttanctt | tnggggaaaa | aggttttttc | caattttttc | 300 |
| cccttnaaaa | tggganccan | ttccaacctt | gggaaaaaan | ccaaggccca | aggggggttaa | 360 |
| nttggaacc | caaggaaagg | gggggttttn | ccccccctt | gggaaccctt | ttttgggaa | 420 |
| attaaggnt | tttttttaaa | aaaaatttta | aattccctt | ttaaaaaatt | ttttnaaaat | 480 |
| ncccccttc | cctnggggtt | ttccccctt | ccnttgggcc | ccccttttgg | gggggggnccc | 540 |
| tttttaaatt | tttaaaaagg | gntttttttt | tngggnaaaa | aatttttnaa | aaangggggg | 600 |
| ggggttttta | aaannttttt | gggggggaaa | aaaaaaaaaa | aaaaaaaaaa | nnaattttan | 660 |
| ttttaaaaan | ccccccagg | gggggggttt | ttttnaaaaa | antttnancc | caaaantttt | 720 |
| ccgggntttt | aaaaaaatna | aaaaaaattt | tcccccaatta | aaaaataaat | taaattttnt | 780 |
| taaaaatanc | cccncctt | taaaaaaaaa | atgggaaaaa | aantttaatt | tanttttccc | 840 |
| caaaaaaac | cttccaatta | aaantttnaa | aagtttnttg | gnaaaaccaa | atttttggcc | 900 |
| aatttttggg | anaaattttt | taaaaaaatt | naaaaagccc | ctnaaaacca | attcggggnc | 960 |
| cccccttccc | ctttctttca | aatnaaaatt | naattttcct | ccccgnaaag | gggncccttt | 1020 |
| ttcctttccc | tttgganggg | gccttggggg | aagcccncc | caaggncctt | tttggccagc | 1080 |
| ccccgnaaaa | gggggtcct | ggcaccctta | nnctnggggt | ttttnccttt | ccccctgggn | 1140 |
| nanggggcct | ggn | | | | | 1154 |

<210> 3867

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A, T, C or G

<400> 3867

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| gtgattccat | tngatacagc | tacttgttct | ttttgcagga | tcctctgatt | cgaattcggc | 60 |
| acgaggatca | caccactcca | ctccagcctg | ggcaacgaag | tgagaccctg | tgtcaaaaaga | 120 |
| aaagaaaaag | agaaaagaaa | agaaatctga | aggtcttgac | aacccttggg | ccccatect | 180 |
| cctatgactt | tgggacctaa | atcagagctg | gccctctttg | taacaagggt | gtgggcccct | 240 |
| ctatttcact | gtantctgnt | ttcattccct | gcagccctcc | ttgatacgaa | agatgccagt | 300 |
| gacagggcca | ggcacttgtg | gtcatgcct | gtaatcccaa | ggaggccgag | gcngggcaga | 360 |
| ttgcctgagt | tcacgagttc | aaaaccagcc | tgggcaacac | ggtgaaaacc | cccggttcct | 420 |
| ttcntttggg | cccctaagat | acaaaaaatt | accaggcatg | ttggtgcatt | gccttgtagg | 480 |
| tccccacta | ctcggggaag | gcttgaaggc | caagggaanaa | attggcnttg | gaaactttna | 540 |
| gggacaacaa | naaggcttgc | caagttggaa | gaacaaagga | atnggggtgc | ccacttggca | 600 |
| attttcttaa | gccccanggg | gcntttccag | ggaagccnaa | gggaactttc | ttggttcntt | 660 |
| cnaaaaaaan | aaaaaaannn | nnnnnnnnnn | nnnggggncc | ccctttnttt | taagnaaaaa | 720 |
| ccctttnttt | taagntnggg | aaaggttncc | cgnttaantt | ttnaaccccn | tttaannaaa | 780 |
| tttcccccca | ggaaaaccan | tttgggattt | aaaagggaag | ttccccctt | tttgggnatt | 840 |
| ggnaaaattt | tttttggggg | naaccnaaaa | aanccccac | ccaaaacctt | ttaggaaaaa | 900 |
| ntggggccaa | nnttggg | | | | | 917 |

<210> 3868

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(847)
<223> n = A,T,C or G

<400> 3868

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttgatttcca | tncagntact | gctattgttc | tttttgcagt | atcccatcga | ttcgaattcg | 60 |
| gcacggaggt | gagnaacggn | gaatacgggt | aaaacccttg | gctcatggaa | agcatagcnc | 120 |
| aacataaacc | ttttaagcaa | accagcgcag | agttcccgtc | ataagtggcc | accatcttca | 180 |
| gaaaccaggg | ctcntgggtg | tntccanaan | tttgccagga | atztatgtta | ctttaaccca | 240 |
| ctttggtnng | gggaaaagct | tttgnaaata | gaatcataca | tgcatttggt | ttttaattac | 300 |
| agtgcggttg | gcccatnaat | ggggnntaaa | tttatactgg | agcacatggg | cacccatata | 360 |
| tgggggtttc | cctcttgggt | caagggcccc | ccattggcca | anaancagag | tctaaaggaa | 420 |
| aatcttgaag | gttgaaaaac | cnttgggggg | aaaggnaaaa | aantcaaaat | tcccagtggg | 480 |
| gaaaaagaag | gaaaaatagg | gangggctta | aaccttgcaa | aaaaattgaa | aaanttgaag | 540 |
| gggtttgctt | ggtcnaaata | atcttggaa | ggggcccctt | tttcttgana | agaagggaag | 600 |
| tgaacaatg | ggagnacaac | atttcaaatt | aaaccattat | ttggtaaaaa | cnttncttaa | 660 |
| aaagccaatn | gnccatncca | naaagggttg | aaatgggagg | ggnnggtggt | ttctttccgt | 720 |
| tccaacttgg | ggagtctctg | gccaaaactt | ttttggaagg | ggcnttggtt | tctttttgga | 780 |
| aaagnaaatt | aaaaggttnt | tttggaaca | ngggnaaatt | tggagtttnt | ggaatncccc | 840 |
| aatttta | | | | | | 847 |

<210> 3869
<211> 661
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 3869

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| nttgattcca | tnntntacng | ctcttgnctt | ntgcggatcc | ctcgattcga | attcggcacg | 60 |
| agatgaatgt | ggaactttta | tttttatcca | ttattttcaa | attggatcan | tgctctcttg | 120 |
| atctattaga | tctaagacct | aagaggaacc | taccttggtt | tggttagcgg | gtacagactt | 180 |
| tcttactaaa | aggnggggtg | atttctctaga | atagcatntt | ctggtgagta | gagatgattn | 240 |
| tcaacaatgt | ggctgngtca | cttnncttca | aagtgattat | ngagtgtgaa | agtaagcant | 300 |
| tgtaatactt | tttaaccact | gtctgtgttc | ttaccagatg | ggaaaacanc | actcgtcttg | 360 |
| aaactggaag | ttcccagtc | tgggatgata | tganaagggt | ttggaaggga | aaaaccctt | 420 |
| gttagagata | ttgcagttgc | atcacacacc | agcttgggtg | ctgcctagga | tcanctgctc | 480 |
| agtgaanagt | actcttgcta | aaccttacac | caccagact | atgcgatttg | gataagtaat | 540 |
| acttatcttg | acctgtgttc | ttttganggg | aaagaatgnc | tattgggtag | gattattgna | 600 |
| aatgagatg | agatactctt | ataaagtttt | agcatgatgc | ngcctcta | aatctgcata | 660 |
| n | | | | | | 661 |

<210> 3870
<211> 803
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(803)
<223> n = A,T,C or G

<400> 3870

```

ttgaattcaa tacttgattc gattttcann cttggcggga tcccatcgat tcgaattcgg      60
cacgagagtg ctgggattac aggagtgagc cacttaggct agccctgaaa tgcttttggt      120
tttgtttngn ttttttggtt tttaatgaaa atacaggac atggagatgt ggaaagacac      180
cttgctttat tactggtggt attattatta ttactacagt ataattcatg tatcacaaaa      240
ttcacgattt ttaagcatac ctttcagtat tttttactat attccaaaaa gttgcagcca      300
gcagcactac ctaattccaa aatatttcat aatgccaaaa agcatgcctg cnctattggc      360
tgtcactctg caattcccc ttcttgacgg ctctggaccc aacccccncc cctttaaaaa      420
aaacttcttt ctttntgtat agatgtactt ggtctggggc accttctctt ttatnngaaa      480
aacaaaatgg gggngttttt ggggttttgg ttntcaaaan aaagggncn caannattna      540
anaccctttt aaaccccggc cnnnaccctt tanaaanttt nttngggccc aaaaaaatn      600
tcccccttta tngggggtaa cnnccaaatt tggngngnnn taatttccca atttnaaaaa      660
ccaaagtggg tttttnnccc cctttttttt anaaaccttn tttttnttgg aaaaataaaa      720
nnggccctgg ccntaannna aaaacaagcc ttttttggcn accaattggt tttttttngg      780
gaggtngggn aaaccatttt ttn                                           803

```

<210> 3871

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3871

```

cttnttctac tntttctncc tggaaaaccg ncnmntgcag gacccatcga ttcgaattcg      60
gcacgagggg atttgaatgc ccatgaaata cttttttttt tacttgaata tattcttgct      120
tcactttacc ctccataata tgttgtncat tagtgctgat caagtttaca gagttacatt      180
ttgctnnctt aaccattcag gcaggaatta aaatatggca ttgttaacaa ctgggaagaa      240
gctcatagng gatatnaatt anagtagata atgggtcacc ttgatagcct ctgnntacat      300
cacttgnata tgggcaaaat aattattacc tatacgtgta ttttaagctta atttncatat      360
aaacagtntt ttgaatctat gctaaaanag ataatatcta aaagngtgat cnttacgtag      420
tccttagttt atnagtctgn actncaaaaa gattcttaaa taagcccggc acggaggctc      480
atgccngtaa tccaacact ttgggaggct gaggcgggcg aatcacctga ngtcangagt      540
tcgagatcaa cctggccaac atggtgaaac ccngtctcaa ctaaaaatat aaaaaatagc      600
cccggccgtg gngggcangc acctggaaat ccccgactac tcgggaannc ttgacgccan      660
gaaaaatcac ttgaaacccc aaggggcaaa aagctgggag ggtaagccca aaanccgcat      720
tnattnggac ctcccaancc taagggggac aaagaaacgc gagnacttca atcttaaaaa      780
ncnnntngnc anttattgnc nnaaanggna atgngncccc ggaaaaaaac cccc           834

```

<210> 3872

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(970)

<223> n = A,T,C or G

<400> 3872

```

tgtnagacgt ttcaaggctc gtgtattagt ggctcatgcc taggggaagg aataacattt      60
ggagcaaaca ggagacaaat tgaaaagctt caggaggaaa ggctaggaaa taagattctt      120
tgggcgagaa taaggacttt aaagagattc cacatattcc tgggaatctg aaagaccata      180
cacatgccta gggctgggca tgtgcttaaa aagacttgag agggccctat gctgtcacct      240

```


| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| ctgcctgacc | ttcaggctct | gtgcaagcag | gaagtgaagg | ctaaggcata | gttataaaact | 300 |
| gcatgggtga | agggttgaaa | gtgtgtccca | acacagaaca | catctgcaaa | tgctacgagg | 360 |
| cattttgttg | ttccaagtgt | tcaaagaaat | cttttgaate | actactgacc | actaagctaa | 420 |
| ccaaagactt | agtggccaca | cctgacaaag | aatacaaaact | aaaaaactaa | aaatgtagtt | 480 |
| caagaaaata | acaggctggg | cacagtggct | cacatcggtg | atnccagcac | ttttgggang | 540 |
| ctgaagcang | tgggatcttc | tttgaaccca | aggacntttt | gagaccagcc | ttgggcnaca | 600 |
| ttggcaaaaa | acccccatct | tnttgnaaaa | aaaatacttt | aaaaaaattt | tgccaggggg | 660 |
| ccctgggtgg | gcnnccccac | ctttantagg | ttncccaagc | tttnccccca | agaaaggcct | 720 |
| tttaanggtg | gggggaagg | aatccaancc | tttgancccc | tttgggggan | gggtnccccc | 780 |
| gggccttttt | aaattggnag | nccccattaa | attcccttgg | ncccatattg | gcanttttcc | 840 |
| aaaccccttt | aggggnggna | ccacccanat | gggggagggg | naaannaaaa | attttttaan | 900 |
| tttttccena | aaaacntttg | gncccnccat | tttttttaaa | aatnaaattt | tttttccaaa | 960 |
| aaaattgggt | | | | | | 970 |

<210> 3873

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 3873

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| actgaagctg | ccaggcaagt | gaggaaccag | gagccgtcac | tgagtgtggc | tggtctacat | 60 |
| catagctcat | cacggagcta | cgactttggg | tactgcgga | agacctggat | aggcccagca | 120 |
| ttcgttctga | agatcacagt | tcacagaagc | ttttgcttcg | taaagataat | ccaaaggacc | 180 |
| tgagaccgcg | ttttcctttt | cccttcattc | ccttgagagt | cagccataaa | cgaataacct | 240 |
| gctaggttcc | aggaatgagc | tcacctaaca | gacagcaaat | gtgtctgggt | agatctcagc | 300 |
| caggtccatt | ctgcaagacc | tggtgancc | agatgagagg | gtggggccctg | tgctgggggg | 360 |
| ccctgggtca | cacacaggaa | ccaagacctg | gcttccaccc | cccagtcacc | cacttgggtt | 420 |
| atctggtgga | agttatcgat | aggactgtgt | ggccaaccaa | gtgcttgtga | gatcactgac | 480 |
| actgcaaaaa | caaagcaaac | tgctccgggt | accaggactt | ccttcaacct | ggcaangggg | 540 |
| gtgcgctgag | gcngggcttg | cangtgangg | ggctgtatgc | ttcaggaact | aactaaaatg | 600 |
| catgcanaag | gtaagaggca | tgatgggagg | tgttcaagca | cacaatncca | tttgggaggt | 660 |
| tattttgata | ctgcgatgan | taagggtaan | ggccccatgg | aatggggcta | anggtgggag | 720 |
| tgaacactgg | ggtgaataaa | ttttaaatca | attcaggtaa | aaaaaaaaaa | aaaaaactcg | 780 |
| agcctttnaa | ctataggggg | cgtntttt | | | | 807 |

<210> 3874

<211> 461

<212> DNA

<213> Homo sapiens

<400> 3874

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tatccatcag | ctcttgttct | ttttgcagga | tcccatcgat | tcgaattcgg | cacgaggaga | 60 |
| aaagctctca | ggtaatctgt | atggcttata | agggaaacct | gcagtccttt | ctgaaagggg | 120 |
| agctgtgaat | atgactgctt | tgtagaaaga | tgtcttagga | ttctgggtga | aaatttttaa | 180 |
| ttccccctcat | gtaggaatgt | cacagagtgt | acctttttga | cttagtattt | tcctagtaaa | 240 |
| atacaccttt | cttaagaaaa | tggtacaaaa | gtcagatgca | tgtaaatgct | ttcagcaagg | 300 |
| gtttattgat | catctgcttt | aggctgggct | ctatgttagg | tgctgttgga | ttccattcta | 360 |
| gtacctgtgt | tctcatagaa | ttgaatcctg | gtcccccata | tgacttttga | tgatattcac | 420 |
| actgttaatt | ccaataaaga | cagagtagac | aaacagaaac | t | | 461 |

<210> 3875

<211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3875

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| cttgggtgaag | ttgatgacct | ccaatagctc | ccagtgtcat | gggtacccag | tacgcattag | 60 |
| ctgggtgttg | gttgattgag | acctggggca | gttcctgggg | caagaagcca | gatgggagat | 120 |
| gagatagaaa | gtgttaggag | ttatcctctt | tgccctggcct | ttgagaataa | cttactgtgt | 180 |
| gactttgggg | aagttccttc | cccactctgg | gcctcagttt | ctcacttggg | aaagcaagga | 240 |
| gtttgaccag | atgatcacia | tgggccttcc | tagctctggc | caccaagaat | ttgtgaacat | 300 |
| tagagctcct | ggtctggttg | gtagagccag | agctgctgac | tgggtctctct | gcctccagag | 360 |
| gggattttatt | ggacctcana | ggtggcaggg | ccctatggag | caccaactgc | cctcaacccc | 420 |
| accctgtgcc | caagactggg | aagggattga | tgtcaggctg | tggccatagg | tagcatgagt | 480 |
| tgcccaagga | gggacagagc | atatctttgc | tgangcttgg | ctgangggct | tatgatangg | 540 |
| cttgacgtac | ctcacaancc | cctgtgggca | caagacaccc | tgagggtttac | ccaggccaaa | 600 |
| tatatattgat | tagcagggaa | aaaaaaaaaa | aaaaaaaaac | tgaaccctn | tanaactata | 660 |
| agtgaagtcgt | attacgtaan | atccngacnt | tgaataagaa | tccattgggt | gangttttgg | 720 |
| acaaaccenc | aacttnngaa | tgcccgtggn | aaaaaaaaatg | cntttatttg | ggnaaatggg | 780 |
| ggaagcctat | tggtctttnt | ttgtaaccat | tttaanctgc | aattaaacan | nta | 833 |

<210> 3876
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3876

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gtttgtgggt | gaatggtttc | acaccagagt | gggatcctct | attgcatgta | ctcgactagc | 60 |
| ttttcattct | tatcacactt | cccttcctat | aaagttacgt | atcttttaaa | gggaaattta | 120 |
| ataccacact | tcgctttctg | tgcggccttg | tgaataacag | gcaataacaa | ggacagcctt | 180 |
| attgccagt | tatgaccaga | gcatctagat | ggcactacta | gtggaatgtc | atcttgtcta | 240 |
| ccattcattc | attcattcat | gattttctct | accanacagt | tttggaactc | ctagaatggg | 300 |
| tcaggtggt | ggcaggcatt | gggaaaacaa | ggttttaagc | cattgtccaa | atcctcaaag | 360 |
| aactcaccat | tttggctcag | gggccatggt | gagagggtgta | tagaacaag | taagaaatgc | 420 |
| tgtangagca | gagagagaga | aagaggccca | gagagcacag | tggcagagta | catctcatcc | 480 |
| agagaaacag | catcctgcat | cctccagagt | cctgggttct | tcagtttcat | nccctttctt | 540 |
| cttcttccat | ggattatgta | atacattgta | aaggttttaa | ttaattaaaa | aattgaaaaa | 600 |
| anncnaancn | nnnnntnnn | nnngnnnnnt | tnnnnnnnngn | ngnnnnnnnn | tnnnnnnncc | 660 |
| nnnnnnnnnn | tnaanmtttt | nnnnnttnnn | aaaaannnaa | aancnaaagg | nnnnnnnnnn | 720 |
| ngnnnttnga | cnnnngnnna | aantnanaan | nnnnnnngaaa | aaaaanaaan | nanntnnnaa | 780 |
| ttnnnnaann | ngnnnnnnnt | nnncnncn | nnnnaannnn | ggaantnnna | nan | 833 |

<210> 3877
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (1213)
<223> n = A,T,C or G

<400> 3877

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|------|
| cctttnaang | gggntttttt | tttttggggg | tttaaaaaaa | aaaaaattn | cccnaaagg | 60 |
| ccccntttng | gggggggggg | aaaaattttt | tttttcccc | ttttttccc | ccccctttt | 120 |
| tttttttttt | taaaantttt | tttttcccn | aaattttttc | ccccctttt | ttttttaaaa | 180 |
| aaaaaaaaaa | aaaaaaat | tttttnaaaa | ttttttttt | tttaaaaaan | gggggggtta | 240 |
| aaggggttta | anccccaatt | tgggttttaa | ngggtttttt | nggggggaaa | aaagggaaaa | 300 |
| aaacccttta | nccctttaan | ttttnaanaa | aaaaaaaccc | ccaaaanttn | antttaattt | 360 |
| gggttngggg | gggggaaaaa | aaaacccttt | ttcccccagg | gccccccct | tccttggggg | 420 |
| gttnaaaaaa | ttnggggtgg | gtgggtccct | tccaaaaaaa | tttttgggnt | tccttggggg | 480 |
| aaaaaaagna | aaaanggggg | gggggaaaaa | gttcctaata | gaaacccgaa | cttttttcaa | 540 |
| acctggggcn | attncatat | acccaatggg | ttaaaacttt | ggattcttat | gacataattc | 600 |
| tatgaaaaat | ataaatactg | gccttttcct | tgcagaaagc | ctcagacctg | aatcagagaa | 660 |
| aatcatatgc | caaagccaac | tgccagtgtt | agacctcttt | ttncataaag | agtaaattgg | 720 |
| aatgctaaca | ctagtgggct | tattgagaaa | atttaaaggg | tgtgtagtgt | tttagaactt | 780 |
| aggctggaaa | accatatttt | agtgcacat | tttactacat | gatcttccaa | ttagatagct | 840 |
| tgtaatctgg | tccttacagc | acttgctgnt | ggtacatgtg | aagattttat | aaattttaag | 900 |
| gaaaggtgtc | tatgatatat | agtgaaaagt | gtgggaaaag | aatatagaaa | ataatattca | 960 |
| cttctnaaac | cattatgata | aaaatatttg | tgtatnggat | taagaataga | aaggggatta | 1020 |
| tnggatggta | tctatttcaa | tttctcagnt | tatgggtngg | gccttncctt | ttttggaaaag | 1080 |
| gtaccctcgg | gttattgcct | attggaataa | aatggatatn | aatggggtaa | aaaanttnnt | 1140 |
| caaaaggnc | cnaaaaatgg | aaaatnccaa | aggaatttcc | cttctntttg | gacctanttt | 1200 |
| taagggnaaa | aga | | | | | 1213 |

<210> 3878
<211> 972
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (972)
<223> n = A,T,C or G

<400> 3878

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| tccaccctga | ctcagccttg | gtgcagagtg | agactctgtc | tcaaaaaaaaa | aaaaaggaat | 60 |
| cagtttgggt | cttggcagaa | atcaacataa | gggaatntga | caagaacccc | agtaggtaac | 120 |
| cctgagtgtc | caaggtecca | gcctgtgggt | ctcttttacg | gcttcataaa | aaggaccgtg | 180 |
| ccctcacngg | aggggggnacc | caccggcttt | gggctttgtg | gggggtctta | aggtgnatgg | 240 |
| cttgcccttc | tttttnttca | ntcaacccac | acccaagct | tttttggct | tgggcacttt | 300 |
| nannggggaa | agaagaagcc | ancccaaaat | ggagnaagaa | ttttaaccct | tttttaattc | 360 |
| tcccccaacc | ggaagccgaa | aaaatgggtt | ttcccccttg | gttttncaana | agnangggaa | 420 |
| agttaacc | ntccccnttt | antgcctttg | gaacctnggg | gggggttttc | ttttttggtt | 480 |
| ngggttgggt | tttgggtttt | tttncctttt | caaatttggg | naaattntct | ggtaattttt | 540 |
| aaaaaatggt | ttattgggtc | agccttgga | caccattggg | gnacaacntc | cttgaaaaaa | 600 |
| ggtngacttg | ggcccccccc | ccctgtttt | gggcgggtga | agttttccgn | accaccnggn | 660 |
| cttnaaaaag | tgggtccctc | ttgctttcgt | ctntttgttt | cncttgcttt | tgtaaaaact | 720 |
| ttnggtccca | agcttgaana | cattggcttt | gtaaaaacgt | ngaagagtca | atnccnaang | 780 |
| ggggttattt | gtcanaaana | acttgnccn | tgccctttan | ccgaangcag | tcnaatcntg | 840 |
| ccagttggat | ttttcttact | ggnggaatga | caagaaacag | ggattnat | tgcnccttgcg | 900 |
| ganaattttc | cgggagtgn | tnnttaatat | tttnagaccc | gattctttga | catnttantt | 960 |
| gactccaaaa | na | | | | | 972 |

<210> 3879
<211> 884
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(884)
<223> n = A,T,C or G

<400> 3879
gggtaatat ttgttttata acagtgattc agtatatctg aattatggat tatatggcca 60
tagaactaca agcaaaaagg atacacaaac aaatthttgta gtttaagaca atctgttgcc 120
taagatcaag aaatgtaata gatggaggcc atgtagaggt tagaaattca aagaaatcga 180
ggtcaaaaac tggccaatca taacggcata gggattagtt cctaaatttg gtcacttgag 240
aataacagtg tgaatagagt ggagtggag atgtgactgg tgttgtttct aaaaatgtag 300
aattgtcctc ttagttgggg tctaggtagt ttttgagagg tgaatataga cactaacttt 360
ttgttttaca actgaaatca aattgattgg taatttgcaa caaaatattt tttgaccccn 420
ccatttatat cttaccatgt atattatttt cactnggntg ataaagccta tgactacctc 480
gtcagaatac atcatttgct aataaattag ggtttactgg tactgntgga aataaccogt 540
ggcattctac cctccgagaa tcctgttcag gtggctgcac cctttcaaaa tccantgggc 600
gtttggccat ttgnaancct tgtnttttn cgggggaaa ccaccanggg tcaagtttan 660
ttanggcctt ggcccagtta aggcctggac cgttntttcc ccaattttgc ttggntttgg 720
aaatggaatn gggttttcat ttaattnaaa gaaanttgct tgttttgggg ccccatgggt 780
gtggaaaaag naattcnntg aaattgggcc ggttttgaat tanttttaa tcnttantcc 840
ttaagaaaaa aaattttnga anccnttng ggggccnttg tccn 884

<210> 3880
<211> 998
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(998)
<223> n = A,T,C or G

<400> 3880
aanaaaatta angngaanc tttaaaantt gggcccttgg gancccaatt tnacccaatt 60
ttttaanccc cccaatttgg gaaattttaa aagggtncc aaaggaaaaa atttancctt 120
tggggggaaa ngggggccca aaaaaaaaaa agggaaaaaa ggaacccttc ctttgggttt 180
anggnntncc tttttccccc aaggggggga aggggggggg gggggggaaa aaaaatttgg 240
gttccaaccc aagggaaccc anggggggaa tcccaagggg gaagggttcc aatttgggaa 300
ttgggaaccc cttccaaggc ccaaggccca ccttttcttt gggggaaaag gccccaaaaa 360
cccaaattgg aaggggcca gggttttttc ttttcaaaaa ggggtattga aaaagaaaaa 420
aataaattac ttggatgcca gccttttctt ttttaacca acaatgaatg aagtgtgaag 480
atggaatcaa gataagttca gaaatgcag actttaatac atgctaatag tggagatggg 540
gcttaaaacta aaaacagaag tcatgtgatc caggacgcac aatcctctgg ctgatggtag 600
aatttgatct gaaataggag acatgctgtg aaaccagctc aggatggaac agatcaggag 660
ggttctggtg agagtcttct tcaagaagat gatccgcaga ataccattt gaatgtggtg 720
aaaggagtta taaacagctg agagaataaa tctaactcag gggaaataga agtggtaatg 780
tatgataagg tcaactctgaa tatgatatat ataactatgt tatgtaacat tgaatattga 840
tctacccaaa ttatagtgat cttgagaaaa gaatagagat tctacagagt taatttctct 900
tctttgggga agtctcngat actctaaacc aaaatcatga tatgtngacc tgtcagaata 960
tgccaaagat actaatgntg agtgtgcag gaatactg 998

<210> 3881
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3881

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| tgccctaaa | acttaagtta | ataaaaaata | ataaataaat | aaaaataaaa | aaataaaaaac | 60 |
| acattntaaa | gggggcaatc | cagatggcca | gtaaaccatt | gtaatagcca | gaaattggaa | 120 |
| acataatattc | attgacaaca | tttaagatta | taatatagtc | atataatagt | cctgatataa | 180 |
| caatggaaat | aaattacagc | tacacacaac | ataatggata | agtcttaaaa | agccacatgt | 240 |
| acagaatata | taccatgtga | ttctacttct | gtgaagtcaa | gaacagacaa | aactgaaata | 300 |
| ctcatgttaag | gatgcacact | aaggtagtaa | aactataaag | cagagcaaga | gagttattac | 360 |
| tataaaagct | ctgtcagagg | acaggagttg | caattaggaa | tatacaggga | attctgtggt | 420 |
| gctgagagga | tttgttgatc | tgggtgatgg | ttacccangt | gtttattcac | tttgcaaagt | 480 |
| attaagttgt | atatatgttt | tacttaagtg | gtatatattca | tagtttttaa | aggtttaaaa | 540 |
| aatntagaga | atacagcctg | ggcatgggtg | ctaacacctg | taatcccaca | ctttggaagg | 600 |
| ccaagacagg | aggccgagtt | caggagttca | agaaccgnct | gggcaacatg | gcaaaacctt | 660 |
| catcttntgc | aaaaattttt | ttaaaaaatt | taaccccggc | ctggggggca | tgtgcttttg | 720 |
| natagtnccc | agnccccttg | ggaagcttaa | ggtngggagg | atnaccttta | acccccggag | 780 |
| gccaaaggtt | gcantggatc | ccccaatgga | tgccncttct | | | 820 |

<210> 3882
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3882

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| catttatatg | agcaaaccac | gttttacata | acatgctttt | ggtatgtatt | atgacttttt | 60 |
| acattttctac | ttggatttcc | tcttcagatc | tcagtttcca | caaactctga | tccaggttca | 120 |
| gggcctctga | ttctgcacaa | atcatatgag | ccaagtggat | tgattactag | acagatcaga | 180 |
| tccttcccca | gctaataact | ctgccttctg | attccagtc | tcaaaataaa | ttgcagcctg | 240 |
| ccattttctt | tatgttttat | aaggaggagg | tgaccacctt | ttgtcagttt | gcttagtttc | 300 |
| ctattctttg | ggctcatctc | ccatcttttt | tgggtagtct | tgctaggagt | ggttgggaac | 360 |
| tctgaagccc | cattttccca | agttgctgag | agctatcaga | cttttagctg | caggctaaga | 420 |
| gctctgttgc | aggcctagt | attggcatta | aaagtagggc | cangaaatct | gtcctcatcc | 480 |
| tcaaatgaga | ccaacagata | tgtattaaag | tggagctgga | gtttgtcctt | ccacccgaga | 540 |
| ctaccaaggg | cctttgatgc | ttaatgggaa | tgtgtgtcta | acttgctctt | ctgacattta | 600 |
| gcccgatgaa | aataaaatat | tntatctgtt | taagtcnttt | ccnaanaaaa | ananncaatn | 660 |
| ttntnnnnng | cnngngngan | ggagnnnnng | ggtntnnntt | nctannncnn | gnnnnnncnn | 720 |
| cnannccnnn | nggcncctcg | nnncannntt | nnnttgnnt | ttaaanaagn | cnccnattgg | 780 |
| nttnnnnnan | nnnnnnnngg | gnnanannnn | nnccccngg | ccnnttnggg | nan | 833 |

<210> 3883
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 3883

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ggacctggct | gcctgctctg | acaggtacct | gtcatctgcc | caccatgggc | ttctgggacc | 60 |
| tgctgtagcc | cctgccaccc | actgctgcag | acccacccac | tctcagctta | gctcaaaagc | 120 |
| tggtctctaa | ctcattnctg | acnaatagct | gnangngttt | ccatgantng | cnnttnatnc | 180 |
| aactctggna | aagagggatt | taatttnann | gncncctttt | nacangatnn | aatatgttnn | 240 |
| gcnttatggg | gmnnttttc | acantgggtt | tgaanagaca | naagctagan | tncatcntaa | 300 |
| nacccagatn | nanatgnggn | natttgcaga | gctngtnmcc | gaatatcggt | tgccgtcaac | 360 |
| tgattangat | tacanttggt | acngtgcagc | cttgggnatat | nggccanntt | ttaatntngc | 420 |
| caaccnatat | acnttgncaa | agccttngt | ccgggntatt | aacttgggna | ncncngcann | 480 |
| agnnacngnt | tnncatggan | tntggggcaa | gcnngacttn | gtttnaatan | nccaanggan | 540 |
| ataatgggna | attttaaang | annntccctt | tngtganana | antccaagc | tccattgttc | 600 |
| tgccngttt | tttncnat | ngtatcccaa | aatgttgtgn | anncttttaa | naaaccaant | 660 |
| ggggaaattn | gaaccncctt | ttccanctct | tggtgaatat | tnttnnantg | gtttaaaatc | 720 |
| ccanttccta | aatcnnaaat | anccctggg | gggnatncng | aaaaagggcg | ntttgaaaaa | 780 |
| aaanngaaaa | naagggggna | caatagtgtg | aaagggnggt | ttttcnant | tnaatttgga | 840 |
| aaggtntnn | tanggcaacc | cct | | | | 863 |

<210> 3884
 <211> 904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(904)
 <223> n = A,T,C or G

<400> 3884

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| taggncgttt | gtatncaaat | ggtggtaggc | ccggcctatc | cactgncaca | aagcgggcaa | 60 |
| tggccctca | agaaccaaga | tgatatcacc | ctccatcaag | acagctcgga | aaagtaaaag | 120 |
| ggcatcaggg | gctggaggat | aaaatgatta | tgataaccca | ntgggtggatg | tttgnttata | 180 |
| tcaagtcaac | ccagtattaa | aggcctgcct | gatatacaac | cctcgaatgc | aacacagtgt | 240 |
| ccttctgagg | ccactctaaa | ggccangaaa | ggtttgctaa | gaagtctgtg | ctgttaaaac | 300 |
| agaagaaaaa | gaccttatcc | attntctgtg | ctggtgggtat | agggtagatt | cataaaaaag | 360 |
| aaggcaaaat | atttcaaaat | gatcaagaaa | tntgcaagat | gcaagacaga | gtctcaagac | 420 |
| agtgccagga | caggatagca | ctcataacat | ataacactgt | gtantgctgt | tgagtgtctg | 480 |
| ctgttggtga | gtgctancta | ttggttgagt | gctttgttgt | tgagtgtctaa | cttgcttgag | 540 |
| tgctanctgt | tggtgantgg | cttggttggt | tgantgctaa | ctggtgggtg | aatgccttgg | 600 |
| ttggttgaat | gcctaacctg | gttggttgan | tggaattggt | tggttgaagt | tgccctaacc | 660 |
| ttggttgggt | tggaatggcc | taanccttgg | ttgggttgga | aangcctttg | gtttggtttg | 720 |
| naaatnggcc | ttaanccttg | gtttggtttg | gaaatggcct | ttggtccctt | tgccccctng | 780 |
| ggggccccct | gggttttttt | taaagcccc | ttttgggatg | ggtacccaan | tttttccctn | 840 |
| cccanttttt | aaaccctttt | cccccccaaa | ataaaacccc | cccttatntt | aangggggccc | 900 |
| ggcn | | | | | | 904 |

<210> 3885
 <211> 911
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (911)
 <223> n = A,T,C or G

<400> 3885

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| atatccacgt | ctcagtcggt | ggatgggtaa | tgggatgccc | gcttccccta | ctccagatga | 60 |
| ttgatgaaga | aatggaggtg | tatggagatg | aggtgacttg | cccaggatca | gagctttaag | 120 |
| tgacagaggc | aatattggaa | ctgagggtttc | cctcattcaa | aagccagtgg | tgcttggttg | 180 |
| cactgccaca | ctggagcaga | ctaactgaga | ccgctcttga | tgggtccttt | tctacgagag | 240 |
| gctttgcctg | ccacctgcca | gcatcaggtg | atcagaagat | gtggtatgaa | gaccattcag | 300 |
| cccgggcgca | gtggctcatg | cctgtaatcc | tagcactttg | ggaggccagg | gcgggtggat | 360 |
| cacgaggtca | ggagatcgag | accatcctgg | ctaacacggt | gaaaccctgt | cttctattta | 420 |
| aaaaaaaaaa | caaaaaacca | aatactcagg | gaaatagccc | ttcagnttnc | ttcaccctact | 480 |
| tcagaaaaaa | tagggaaaaag | gaaaagaaca | gggattggga | aaaaggaaaa | aaagnaaaaa | 540 |
| nggganggga | tccgctttta | agcccttang | gagggtttta | agaattaag | ttcttggggg | 600 |
| ccaaatanta | agtnggagga | ancccttggg | ccttctttan | ttttaaaaaa | annnnnnnnn | 660 |
| nnnnnnnnnn | nnnnnnnncc | tttogaagcc | cttttttaaa | aaactttttc | gggggggggtc | 720 |
| cgtantttac | cgtnngaatt | ccccgnacct | tggntaagga | tnccnttggg | tgaagtttng | 780 |
| gaccaanccc | caacttgaat | gccgtggaaa | aaaaatcntt | atttgngnaa | attgggagct | 840 |
| nttgcttttt | tgnaaccttt | ttagntgcat | taacaagtta | ccaccaccat | tgcttcnttt | 900 |
| ntgttaggtc | g | | | | | 911 |

<210> 3886
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (819)
 <223> n = A,T,C or G

<400> 3886

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tcacctctct | ccccagaaa | aacatgtnaa | atgcnagact | gtgtgctott | aatgacatct | 60 |
| atattaaggg | atctgaantn | tccatcataa | atgaacatgg | tacttaccaa | atatcttctg | 120 |
| ataantcatt | cagtgtcag | gntctatgtt | tnttctcctg | tccaagagtg | aacaaactac | 180 |
| acatnaccaa | aatattgtaa | ggctaagnaa | taataacggt | gactgnnaaa | atgggaaatg | 240 |
| agatagcgtc | aaacgtttgt | gacaaataaa | agcagtcacn | gtaaacactg | gnctttncan | 300 |
| ccccatnaat | gatgactttg | tncccaactt | gnattcccaa | cngcatcnca | aanagtaaaa | 360 |
| ngagtccacat | ggganataaa | acatcatttt | tatcacaagc | ttataacggg | tnattttttt | 420 |
| ctgactntgn | gttgagggt | aanngggctt | gctnatattg | catgcagcan | ngaacttacc | 480 |
| cgncatatgg | atgcctccct | ctatgctagt | ggcctcncc | tttatggccc | anggatcana | 540 |
| ntcatggaaa | gacaggtatc | cctgngggaa | ggtttnggga | tgaaantggg | tcaccttaaa | 600 |
| tcatcaggca | ttaaaattct | cataaggcat | gtgcaancta | aatctnttna | catgtgcagt | 660 |
| tnacaaggaa | nggggtggca | cttctctga | aaaatcta | gcctccctgg | tctgccagga | 720 |
| aggtacaact | tggnttggga | angnttgnnt | tggtcncngg | tccacatcct | ggtgngccgg | 780 |
| ngnggntncc | canaaggccn | ccggttggtg | ncaattan | | | 819 |

<210> 3887
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)

<223> n = A,T,C or G

<400> 3887

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| gaactgaaag | atgatgcaca | atcagtagaa | actctgggaa | agccaaaagc | gaaacgaatc | 60 |
| aggacgtcaa | aaacaaaaca | agcaagcaaa | aacacagaaa | aagaaagtgc | ttgggtcacct | 120 |
| cctcccatag | aaattcggct | gatttccccc | ttggctagcc | cagctgacgg | agtcaagagc | 180 |
| aaaccaagaa | aaactacaga | agtgcacaga | acaggtcttg | gaaggaacag | aaagaaactg | 240 |
| tcttcctatc | caaagcaa | tttacgcaga | aaaatgctgt | aatttcttgg | gaagatttta | 300 |
| atgtacacct | atttgtaaag | tcatcagaat | agtgtggatt | attaaatatc | tagtttggaa | 360 |
| gaaaataatt | tatataaatt | attgnaaatt | tttatgtaaa | cagaangtct | tcaataagta | 420 |
| aagtaactcc | atatggagt | attgtttcag | tccaggcaat | ttttctat | tatattaaga | 480 |
| cttcatacat | ttatatatgt | aaatatggct | tattaatgga | atgttaaata | aaatgtatac | 540 |
| ttcaaaaaaa | aaaaaaaaaa | aaaaaactcg | agcctntaaa | actatagtga | gtcgttttcc | 600 |
| gtagatccaa | ctgataagat | acattgatga | gtttggacaa | ccacactnga | atgcagtga | 660 |
| aaaaagctta | tttngaattg | tgatgctatg | cttattggac | catttagctg | cataaacagt | 720 |
| tacacacatg | cttcnttatg | tcagtcaggg | gnngggggagg | ttttatccgc | c | 771 |

<210> 3888

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1232)

<223> n = A,T,C or G

<400> 3888

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|------|
| gatttgaatt | cnatacanct | acttgttctt | tttgcaggat | cccatcgatt | cgcccaggga | 60 |
| atgctggctt | cctcctattg | ctattccttg | cctttcctaa | tgcttgaat | cagtgcatte | 120 |
| attcattngt | tcatttcaat | cangaaatat | ctgttttagca | caaacatatg | atatttattt | 180 |
| atctaaagt | ggaaaaagaa | atattnggna | tntcttcaag | tggtntgggt | nncctggctt | 240 |
| ccttggagga | atTTTTTaaa | aaccgatnnc | caaaccattt | tttttttcca | ccnagnccaa | 300 |
| gggttttggg | nttggcatta | ttggttattn | caaaaaaagg | gttcncctta | aaaaggaacc | 360 |
| accaaccccc | tttttttaac | cccccggttc | caaaattttc | ctttacnaag | ggtccggaan | 420 |
| gtnccaat | nttttttcc | tnaaaaaaaa | naaaaaanaa | aaaggga | ttgggtgggt | 480 |
| tttaaccana | ccaaattgg | ttttaagtaa | aaaaaatttt | ttttaanccc | ccancccaaa | 540 |
| aaagngttgg | gttggnccca | nttcccccca | naaanggggg | gggnanattt | tttttnnaaa | 600 |
| aanttttttt | ttnnnnnnnn | nngggggggg | gggggggcaa | aaaaaatttt | gggggaaaaa | 660 |
| aaccaanggg | ggccanaaaa | atgggggtcc | nttnaaaaat | tttaancccc | nggggggggg | 720 |
| ggaaaccccc | caatttggaa | aatttanttt | caaaaacgtt | caaaaaaaaa | tttaaaattg | 780 |
| gnnggtnaaa | ttaaaccctt | ttttngggga | aatngggggg | ccntttaaaa | aaaattaaac | 840 |
| cctttaaacc | cttngggngg | aatttcccaa | nttttaaaaa | attancccca | attttngggg | 900 |
| naaaatttgg | gggnaanttt | tggaaccctt | taantttttt | ttnttttttg | gaanccattt | 960 |
| gggcccgnaa | aaaaaaaaata | atTTTTTcca | aaaaaaacca | anttaacca | gggttttttt | 1020 |
| ttaaaaaaa | aaattggggg | gcctntnttg | gaaaaaacca | aantnggttg | ggctancccn | 1080 |
| gggttggccc | accancccc | aaangggggn | ccccttnggg | gggttttttt | ttcttnaaaa | 1140 |
| ngggnaaaaa | atcctttttt | ggaggggcaa | anccggggga | ancccaaaaa | anaaagggtt | 1200 |
| ccccnacntt | taccaagggn | nnaattgtgn | tt | | | 1232 |

<210> 3889

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(835)
<223> n = A,T,C or G

<400> 3889

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| gagcctgatg | cagcttgtct | gtctgatget | tttgttcccc | atccacgtcc | ccccagtg | 60 |
| tgaagctgtt | tcgtgtgtcc | ttacagtgtt | tcctctgcac | ttccacttgt | ggttgataag | 120 |
| tggcaggggg | acaataaata | gagttgatga | aagatgggct | tgggcagcag | tgggccccag | 180 |
| tgaggcagaa | atgagaaaag | gactcctggg | gcagaggtgg | agtgacaaa | ccttgagcac | 240 |
| gaggggtgtg | aatgtgaact | tggtgctgac | ctctattggg | cagccggggc | accacggagg | 300 |
| tggatgtggt | gtcagtgaga | ccagtgaagta | atttttagcag | agatacttta | gggatgactt | 360 |
| ggggagggga | gcangctttt | ttaaaatata | tatacttccc | aaaataacat | tgcttcagag | 420 |
| tagtttctta | actgccctgg | gacaggcctg | agatcctgtc | ccagggtact | tggggggcac | 480 |
| atcctgtctt | agggagaggt | attcacctnc | ccattcccat | ccccagtcct | ggctgctttt | 540 |
| cctaaatgca | tcatttatcc | cccacattgc | cccattctaa | cccataatcc | ctcttttagag | 600 |
| ataccttnc | cttcattgag | ggagcatncc | tnttataacc | attaacttcc | atattctggc | 660 |
| tgggtttctt | ttaaaagcac | ttgtgnaaaa | tttnggaagt | antttaattt | ggttaaaacc | 720 |
| ttcattggcc | tcttttctct | ccatttaaaa | aggngaacct | nccttgaaaa | acaaggggag | 780 |
| ccggggggga | ntctaataant | aattcacctc | ttggattccc | ttaanccccc | taaac | 835 |

<210> 3890
<211> 880
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(880)
<223> n = A,T,C or G

<400> 3890

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|-----|
| tgtgatgaaa | agtgaagctg | ataaggggtat | agtgggtgact | taggggtgctg | atttagagtt | 60 |
| nggtcagaga | aagtctttct | tgaggagctg | tgtgagggtt | tgttcctatc | taaaggcnca | 120 |
| gaggagattc | aggccatttg | aagatgagaa | aacnctcctg | gacnacnttc | ccactttttt | 180 |
| tgtaggacac | tgttttgtna | aaattttacat | atatggctaa | atagtctgaa | actatggntt | 240 |
| cantggaanc | aaccgggtatg | tgcccatgga | agagttttcc | caggaaaaga | aaataattca | 300 |
| ttacagnttt | nctggcnctc | tgaaaaggga | ccaggagctg | ggaactgctg | aaggctaagc | 360 |
| tgctgctatc | tgtggntcca | aatggagagc | cgctatgaaa | atgctgcttg | caaggggcac | 420 |
| attatataat | tctatggggg | gatatcccta | attttagaat | ggaatgaacc | taaactcttt | 480 |
| tctggantat | gtttttggat | ttagccccaa | aaaatgcctg | ggganggnng | anggaccccc | 540 |
| ttactttacn | agcccathtt | gcntggttct | ttggggcatt | tggccngcca | gaaganggaa | 600 |
| ccagcccttt | tttacctttc | atctgaacct | gggntggcct | ttttttttta | aaggnnaaat | 660 |
| nnnnnnngna | naaannnnna | aaaccttggn | nccttttana | actttagnng | ngtccgtntt | 720 |
| tncgtaanat | nccacacttg | gataagnntn | cctttgatgg | aggtttgggn | ccaaaccccc | 780 |
| cccttggnaa | tgcngtggn | aaaaaaaang | cctttntttg | ggggnaaatt | tggggangcc | 840 |
| ttttggcttt | attttgggaa | ccntttntta | ggctggccan | | | 880 |

<210> 3891
<211> 808
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

<400> 3891

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tcatagtcta | aaactatcac | gtctgagttg | ccttaggatg | acagtgtctga | cacccagtag | 60 |
| gaagtatccc | atttttatca | ggaaagtcag | tcacgcgtag | ggatggtgag | gagacgcgta | 120 |
| tggatggtga | ggaggggaga | ggagggagac | ctgctggtgc | ccttgaccca | gggtgaggcc | 180 |
| tgactcaagc | tgcttcccc | cacaggccct | gctntgcttg | cctgcttttt | ccagaatcga | 240 |
| ttttgcaagc | ttcaagattc | tgttcccctc | ttcgacaag | tgaggaaggc | aaatactcag | 300 |
| ggtttgaang | gagacctgcc | ggcctgaggg | ctggcaaatg | tgagggcagg | acacctggga | 360 |
| tggactcgta | ggctgacca | ggcccaaagg | gggctgcctg | ttcccaactc | tttactctg | 420 |
| taacccattt | taaaatgagt | ttttgaatct | tgctcaaat | tgacctactt | ggataaaatc | 480 |
| agtgtttttc | ctaacttgat | tttgtttgac | gtggttcctt | ctaagaaaat | ggtaggaatt | 540 |
| gaaactattt | gnatatgttg | aaattttag | gggttcanga | cccatggcag | aaacacttaa | 600 |
| actatttatt | tacagtatga | ctattttttt | tcaaagtnng | caattctttt | gtatatttta | 660 |
| aggcaataaa | tcactttacc | ttttggtgcc | ttncatgcgt | cgcantaagc | actcttgtca | 720 |
| atcatggnaa | ttgggaaaaa | aagatgtcca | tttagttaa | caagaaaaca | ctattttgta | 780 |
| ncatgaattt | agaatggggn | ccttttaa | | | | 808 |

<210> 3892

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3892

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| gaatgtcttt | gcttgaacac | cccagtcac | accttcgtgg | ggcatgatga | tgtggtcctg | 60 |
| gagttccagt | ggaggaagca | gaaggaaggt | gagtgaggaga | ggcctgctgc | ccactttcct | 120 |
| tctgagctct | ggtgacagcg | gtgccagtca | gtgttgccat | ggagtccagt | aaagaagaca | 180 |
| tagagagagc | tgggcttttag | gaaccagaga | gccagggctg | ttgccacctt | tcgtcatang | 240 |
| tgagtaaagg | gactatatag | gctgctgtta | ctcttccaaa | ttctgtcctc | ttccacaatt | 300 |
| gtcagcgtag | tctctcttgc | ttggaagaga | tatgctccag | taagagacgg | aagatagaga | 360 |
| tttgctgttg | gattgtttct | gggactgaaa | gactctgggc | tcacaagtcc | agggcatttg | 420 |
| ccccttgcca | ctctgttgat | ganggagacc | caaggtggtc | tttagtactg | cctactacat | 480 |
| accctcagtt | gtcttcacaa | gcattgtatg | ctctgtctca | aaaaaaaaaa | aaaaaaaaaa | 540 |
| ctcgagcctc | taaactatat | gagtcgtatt | acgtagatcc | ngacatgata | agatacattg | 600 |
| atgagtttgg | gacaaaccac | aactagaatg | cagtggaaaa | aaancctttat | ttngnaaaat | 660 |
| tggggatgct | attgctttat | ttgtaaccat | tataagcctg | caataaacia | gttaaccacc | 720 |
| accaattgcc | ttcatttttt | tgtttcangt | tcagggggga | ngggngggga | ggttttttaa | 780 |
| ttcnggcccg | gggggcccat | gcatttgggc | cccg | | | 814 |

<210> 3893

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 3893

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| taaactttat | tctttttgtt | atcgtttgtc | ctctggtagt | gatcagtggt | cagtctttga | 60 |
| aaagaaagga | cctatgaact | caacttttagt | tacagcaaag | aaatgagtag | gagacggagg | 120 |
| gaatggccag | cagccattga | agagggagag | caggctgggc | ccaaggggga | cccagtattg | 180 |

| | | | | | | |
|--------------|-------------|------------|------------|-------------|-------------|-----|
| gcagaaagga | aagctcaggg | tgtcaagtgg | gcctgagaag | ggatcatctg | gctgaacaag | 240 |
| agaggtccac | atgtagctct | cagcacacac | ttgtgcattc | cagcttcagc | atttgcacac | 300 |
| acgagttccc | cgctaaaaat | gcctgacatt | ctccctctct | acttaactca | tgtataaat | 360 |
| ttttactgaa | tgctgttaag | tgccagcttt | ctgaacagag | ttgggtcacag | ataaagggtgt | 420 |
| ggtgtagagt | cattaaaaatg | gtcaggtatt | tgactggatc | tccagtcgga | aaaaaaaaaa | 480 |
| aaaaaaaaactc | gagcctntaa | actatagtga | gtcgtattac | ctnnatccag | acatgataag | 540 |
| atcattgatg | agtttgga | accacaacta | gaatgcagtg | aaaaaaatgc | tttatttgtg | 600 |
| aaatttgga | tgctattgct | ttatttgga | ccatttntaa | gctgcaataa | acaagttaca | 660 |
| accaaccaat | tgcnttcatt | ttntgtttc | aagtttcagg | ggggangtgg | tngggaaggt | 720 |
| ttttttaatt | tcncgggccc | cgggccccc | tgccnttggg | ccccgggacc | ccacnttttt | 780 |
| gttcctttta | ntgagggtta | attgccccct | tgngggtaaa | catgg | | 825 |

<210> 3894

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (836)

<223> n = A,T,C or G

<400> 3894

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gccatcctac | attccagtga | gggttgctga | aaaaatccta | tttgttgagg | aatctgncca | 60 |
| gangtttgag | aatcaganng | tgaacctgnc | tntanangga | tccattttgc | aaaaccanga | 120 |
| anacacttta | tgctgcacta | gctgcaccgt | cctcangcag | nanccactct | tcagctaagg | 180 |
| tggactactg | aacaggtggc | ggatcgcat | angcagcact | gtggctgagc | atctntngaa | 240 |
| ncnnatggtg | gancaancnn | nttnactggg | tnnncngaag | accatnnnat | acnttnacct | 300 |
| nttgggacca | tganaactgt | ttccagcccc | tantgacgca | gcgaaacaca | tgtatgaaaa | 360 |
| caccanccac | tggtagtact | gatcatgatg | tgaagtgtgg | cctntctaca | gttaacngcn | 420 |
| cggtgtattt | gctatgatga | tgacaccttc | ttcctctgtt | gncttgacgn | gcgnccntac | 480 |
| ggcaaggagc | gcaatatatg | tantcaagcg | ngagaagggc | cttcnctgnn | aacttntacn | 540 |
| cgnaagcccc | tgntatggct | gggnngccct | aagtctttnc | tacaangtac | aggaggcccc | 600 |
| ttcataaaac | tcttcacccc | acatggncct | gnaaaagnac | aaagtggntg | ttaagnctct | 660 |
| aacttgatgt | gcgnccgggn | gcannctgag | cttgaggac | ttgctggggc | ttnaaaangc | 720 |
| cngggcnagg | aanttnaagc | tngaannana | aatgangcca | atcnanttgg | gnccnaancc | 780 |
| aaatcanctg | gggtttttgg | gnnganaaaa | tcccnggact | ntttncgggg | gttttn | 836 |

<210> 3895

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (767)

<223> n = A,T,C or G

<400> 3895

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgaagacact | gaccttgctc | cgtacatct | gcgagatgac | cctgcaggaa | taccactatg | 60 |
| tccaggagaa | ggcttccaag | ctagctgctg | cctccttact | cctggccctc | tacatgaaga | 120 |
| actcggatac | tgggttcctt | tcctggacat | tacagtggct | acagtatctc | tgagcttcac | 180 |
| cccttggtca | gacagctgaa | caaactgctg | actttcagtt | cttacgatag | tctcaaggct | 240 |
| gtgtattaca | agtattctca | cccggctctc | tttgaagtgc | ccaaaatccc | tgcttggat | 300 |
| atgttgaagc | tggaggagat | tttgaactgt | gattgtgagg | ctcagggcct | ggtactctag | 360 |
| cagcagccac | agggttaagc | atgcatgtta | acagggtata | tttattctat | gntcgaattt | 420 |

```

gcttttgatc gctttttattc atttttcctt tctttgnctt ttcccaaact gataatgnta 480
taaataattta tgttgcttgg ttttatgaaa gaaaaaatat tgnecatatt gactacaaat 540
ttaataaaaa aattaatggg tattggtaaa aaaaaaaaaa aaaaaaaact cgagcctcta 600
aactatagtg agtcgattcg tagatcngac atgatagana catgatgagt tngacaaccn 660
cactagaagc cggnaaaaaa gcttattggg aaattgggat gctatgctta ttgnaccatt 720
taactgcata acaatacaca catgctcttt ttgttaggtc ngggngg 767

```

```

<210> 3896
<211> 961
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(961)
<223> n = A,T,C or G

```

```

<400> 3896
ggagatgaag gttggcagca nctggtcatg aangtggtta caaggggcct tcaactgggct 60
gngcgganct nctgaagatg tttgcncaag agaaggggtt ggcttggtac acatnaaaac 120
tcttgaggacc tgggaggtga tctgagcctaa ccngggggcca tnntacagat atgaagactg 180
agatgaagac aggagaaggg ncatgctgng aagtccatan actgggcctg gctcctgggg 240
taaactaatg ggnacaaaann tctgangatt cctgcntana ccacnaaatg gacagggna 300
aggccentga tggtnagccc atgcctgaca etgacnantt nacagnccaa gaacacagng 360
atgaagaata aaaagtggta caatcggntt cacttggtgcc accaggatac tttcaatgat 420
tgcnttctcg tncacaaan ttcttttant cttggggggc gacncaantg anggannggg 480
gaacttatnc atggacgccc cctttttctt cgantgggan ggaccacttg aaaacttcat 540
ggaaaggccc anaggtttac attggccccc cattgnacct tgagcccnaa gcttgggnaa 600
tccaggaacc ttngggaaat ttggggccnc cttggngggg cttgaccccc ccataanaag 660
gttccaaagt gggcccccct gccttanggg atnaaaagccc gttttaaaacc aacaatttan 720
gggggttaaag ggttggccct tttcatngc cccccccntt naagngtaaa aanaaanggg 780
ggnacccttn tanaaacnc catngggaaa aaaaaaactg nggggccttg gggnccccct 840
ttgggggatg ncnccagnag aaatnccnaa ggggccttna aaaccttttt cctnggggcc 900
aataancctn aaantttgct ttnttttaaa aaaanattcc ntggaacann ggggggaaaa 960
n 961

```

```

<210> 3897
<211> 832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(832)
<223> n = A,T,C or G

```

```

<400> 3897
gtttgcangc tcatggagga agcagcaggg aaaacctggc gctgcaaaat gtgcaggctc 60
gaatacggat ggtcctcgcc tatctgtttg ctcaagttgag cctctggtct cggggtgtcc 120
acggtgggct cctcgtgctg ggatccgcca acgtggatga gagtctctcg ggctacctga 180
ccaagtacga ctgctccagt gcggacatca accccatagg cgggatcagc aagacggacc 240
tcagggcctt cgtccagttc tgcattcagc gcttccagct tctgcccctg cagagcatnc 300
tgttgccgcc ggccacgca nagctggagc ccttggtctga tggacagggtg tcccagaccg 360
acgaggaaga tatggggatg acatatgcgg agctctcggt ctatgggaaa ctcangaagg 420
tggccaagat ggggccctac agcatgttct gcaaaactct cggcatgttg agacacatct 480
tgcaccccca gacangtcgc ttgacaaagt gaagcgggtt ttctccaagt acttccatga 540

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| acagacacaa | gatgaccacg | ctnacacccg | cgtaccacgc | cgagaactac | agcccttgag | 600 |
| gacaacaggt | ttgatcttgn | gaccattttn | tgtcaacaca | aagctggcct | tggcaagttt | 660 |
| cgggtgcatan | aaaaatnaag | tgctacaagc | ttcgagccct | ntanaactat | agtgagtcgt | 720 |
| nttacgtnga | tcncacntt | gataagaatn | catttggtga | gtttnggnca | aaccnccact | 780 |
| tggaatgccg | tggaaaaaaa | gcttttnttt | tgtgaaaatt | ggggaaggct | nt | 832 |

<210> 3898

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 3898

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| cttaatgtta | tcactcattg | aaaagtttct | tttaaaatta | tatatatggc | ccaatcttga | 60 |
| actatcttat | tttggagggt | tttatctatt | tttaatttat | gtcctcccgc | ctttctcata | 120 |
| cccagctcca | caagaaaata | cagatctgca | gaaaatgatt | tgaatgccta | ctttctcact | 180 |
| cgtccaagga | tgatgctgca | tagctagtac | cactctagat | gotttgaaga | aaagttaatt | 240 |
| caatcaacag | atagtgcatt | agagtttaat | tcttttatag | aactccattt | gagaggggct | 300 |
| cttaaaaaatt | aagagcatgc | ataccaaagt | ataataaaaa | aaattaagaa | caaagatgta | 360 |
| atggcttact | gcatgagata | gaaaacaccc | atatattgaa | aattgagtct | ttagggctag | 420 |
| tttttatatt | attttatata | tatatatata | tatatatata | tatttttttt | ttttgagaca | 480 |
| gagtctcact | ctgtttccca | gactggagtg | caatggcatg | atctcggtc | acggcagcct | 540 |
| ctgcctnctg | gcttcaatca | gttctcatgc | ctgtagtccc | actgctcang | aggctgaggt | 600 |
| gggaggatca | cctgaatgag | ccttggggang | ncaangctgc | aatgaaccat | gaacacacca | 660 |
| ctggactnta | acctgggcaa | aaanantgag | aaacccgttt | caaaaaagaa | aaaaaatctg | 720 |
| gaataaccta | ttgggccttt | tggttaattn | nnaaangnnn | nnnnnnnnnn | nnnnnennnn | 780 |
| gnnnnnnnnn | ngnnaaaann | nnnnnnnnna | naaaaaaccn | n | | 821 |

<210> 3899

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 3899

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| agtttttaact | tgaacccctt | cagtcaggat | gaacataaag | ctctcaagtt | cttgaaagga | 60 |
| tgagacacaa | gaataagatg | gggtaccagt | gaccagctcc | tctacctggg | gtcatggagg | 120 |
| accgaagacc | ctccaacctt | gatgctgta | aggacaggcg | ctcctgtaag | ggatcagggtg | 180 |
| taaagaatct | ggccatagct | cctgtacaaa | gcctctttgt | ctgaagtact | tgggtgctct | 240 |
| ttgacggcag | gagggaaacac | aacctgtcgg | tggtctgctgg | acctcaccac | gggggctcag | 300 |
| tggacataag | atctattgac | aggccctggc | agtcaccant | gggtgtgtgt | ggcantggct | 360 |
| gtgggggtgtg | agaatgactg | caacaggcac | ttctcaacaa | tgacctgctg | ttcacatggg | 420 |
| ccctgagcan | ggaggaaggg | agagggacaa | tgggaagcttt | gttccagcat | tcctcttana | 480 |
| aaggggagag | acaatttcan | gcaggtgtna | tgggaattgga | ataaaagcag | gangctcaan | 540 |
| gggtgggtttt | cttgagtaaa | aggacaaaaa | tcgtgggtgc | ttttgtnggt | tcaaccacaa | 600 |
| cccttttcatt | gggccagaca | ccccacattt | tttttcctta | ctggncttcc | attttttgcc | 660 |
| cccttttttt | ncttaccttg | ccttnccaaa | aaaataagaa | tgcttgcttt | attaaaccca | 720 |
| ttttgggggg | cttgcttctt | ttgggtcaag | gaaggggtgn | ttgcaaaaaa | tnccttcnc | 780 |

ccangggatt naaatgaaat ngggttggtc ccccttgag ccttnttaac aaccttttta 840
 acccaggtgt tcaaaaaaat ttntttcccc ccnccnccn t 881

<210> 3900
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3900
 ctctgcagtc tcttaagcag attgactatg atgcatgtca cataaaacag ttttctttct 60
 gttctattgt ggagtttttc tggggctgga gaacattctt ttgttatttc caaacactgt 120
 ctataattac canacatgat ataaacacat aagggtgccaa ctggaattta ctctagaggg 180
 gactttccct ctacagcttc cagtcaactc acacttggtc aacaaagtgc atgctgtccc 240
 ctaaatatgc aagcagaact gtgtttctgc ctatttggtt tctatagtcc tctacagtca 300
 cttctanaga gactaaacca aatttctacc aacttcacag ggcaacaatc aatagtttta 360
 tctcaatgac tcttgtatct tcagacctta aactgattca nagaccatgg ggccacaaa 420
 cctaatacaga gtaacgtttt cattgagtac acattcanac atgagaatct tcactttnc 480
 cttttttctc ttggtaaaat gttcacaaat gtgcaggtaa cacctgctgc tactccagcc 540
 attcngggcc taaatctgca gctctacatt ttgtatctag gtcttgagaa ttgggaaata 600
 gaaaattttt atctaaaaat gcagggtcctt ttggttatca aactcagaca ttgaaatgaa 660
 agtgcagnta cccctttctc ctcccttgna atatgnattc atctcttgga aactggtcac 720
 tattggccnc aagtagatgt atattnaact gggtatancc acattgggaca ctggttttca 780
 taccctnaac cctaaaggaa tatggcccaa ca 812

<210> 3901
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 3901
 actttatatg gattctctaa ttttaatctt caaaatgcta tctaattgtct cattaagact 60
 tgcatataat gtatcttaag tacagtcatt aaatatagtt tagggagatt tatgttcaga 120
 tattgcttaa agatgtttta ataggcccat ttactctgat gatattaatg agctcttaat 180
 acagactaag cttctaaaac tagtggtaaa gactcccagc ctgaacacaa caacttgga 240
 ttaatgcctg ntttgacag atgcctgagg gtgagtcctg cacacactcg agggctcancg 300
 cgagcccctt gctggatgga gccttgtttc anaaaggggc ctctgtaac gggctctggc 360
 tgctgactcc agagcaccca ttcttcggcc agcctgagta ctgtcttttt tctccccc 420
 actgtgcaca ggacatgtgc taactaggcc gaagtacctc tccaagggtta tttgagaagc 480
 gctgatagcc ttggcggtgg cactgnggcc tgtgaggggt taaaggangc tgttgctgaa 540
 attncgtgga agcatctgcc aagtaagggt tgcacagact ggcatcggtta cntgaaacaa 600
 gcntncctnt gncaccaagt gaactgnaaa anggcacatg ggtgtgcttt catcttttan 660
 gcattcatcc tancttgaaa tacatgtaat aaangngncc tgcttatttc aacntcggaa 720
 ccnnaaanaa angcnnaaaa aancctegan cctttaaaac tttnttgagt tttttttcnt 780
 aaatccaaac ttgataagaa acattngtgg agttn 815

<210> 3902

<211> 820
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

<400> 3902
ccaaactaga agctgtcagt gacaataact tgggaattagt caatgaaatt cttgaagaca 60
tcactcctct aataaatgtg gatgaaaatg tggcagaatt ggttgggtata ctcaaagaac 120
ctcacttcca gtcactgttg gaggcccatg atattgtggc atcaaagtgt tatgattcac 180
ctccatcaag cccagaaatg aataattctt ctatcaataa tcagttatta ccagtagatg 240
ccattcgtat tcttgggtatt cacaaaagag ctgggggaacc actgggtgtg acatttaggg 300
ttgaaaataa tgatctggta attgcccga aagtcattgag ggaatgata gatcgacaag 360
gtctacttca tgtggggagat ataattaaag aagtcattgag ccatgagggt ggaaataatc 420
caaaggaatt acaagaatta ctgaaaaata ttagtggaag tgtcaccta aaaatcttac 480
caagttatag agatccatta ctctcacag gtatttgtga agtgtcattt tgattatnat 540
ccatacaatg gccacctaatt ccttgcaag aagcaggatt gnagttttnc aaaaggagag 600
atcttcanat tgtaaaatag agaagatncc aaatggngg caggcttncc catgttaaaa 660
aaaggangga aaccnctggt cttcnttnca agccaattnc tgggaanaaa aaaaaaangg 720
cttttgttaa aanaaactgg ggacaattca agganccctt ttgggggact ntaagttgcc 780
aaaaaaaaaa aaaaaaaaaa tcggnccctt taaactntng 820

<210> 3903
<211> 726
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

<400> 3903
tnnaanctaa tgcttggcta cttgttcttt ttgcaggatc ccatcgattc ggtgagccac 60
tgcgcccggc caaagacact ttcaaatact catgattgga tatgcctctg tgattgacag 120
tgagatttca aatgggttaa agattgctct gcaaagagg taactgttga gattgataca 180
ggctatcttc aacatatgta cattgctgta tatgacattt acctaccatt gtgcatctgg 240
gacttcctga tggaccacag gaattccctt ttcttcccat tctcttcag atctttcttc 300
tacttgaaac cccttatcta caaaaatgaa taaacaaccc aatctcattt ctgatcgtgt 360
cctggaattg atctagggca aggtctggag aagtgggtgg agacagcaga cagcttttgt 420
tagtcttcta accccagcac tttctcagcc tcatctgtgt gttcctgtct cactctgcag 480
acctcacttc acaatgctct tcagatcctt taatgaatag gaaattgatt ttgggtatct 540
ctataaaata cagcaaagtc ttagaaactt gcagtgtcct taagaagaaa gatccctct 600
tatctccctg ccagttttct tttctttatg gctcaaacac taactgattt tgccatggag 660
gtattngct tcanactgct tttggtgaac tgggttgagg acataaccg ttgtctggta 720
tatttt 726

<210> 3904
<211> 797
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 3904

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| nnancntgct | acttggtctt | tttgcaggat | ccctcgattc | gaattcggca | cgagggaaca | 60 |
| tgcaaagcag | tagccctctg | aggagcagag | ttaaggctag | tacagaaaag | acttttcctc | 120 |
| ccaaaacacc | ttcagtggtt | ggagaggcta | ttatgtcaat | aagtaaagaa | catgctactg | 180 |
| tgaaaaaggt | acaggaacaa | aaaagagttg | ccaaaaataa | aaaatattat | tgtaaggtaa | 240 |
| aaaatttcat | aatgggcct | aatagtggga | tggatataac | tgaaaactaa | gatggtgatg | 300 |
| aggaagacag | tcaagaataa | atataccaaa | gtagcaaaga | aatacctgtg | caagtagaat | 360 |
| agcttgcttc | aaacagatga | gatttgctct | cccaacatca | aaacatatca | caaaactaca | 420 |
| gtaattaagt | ccctttgagg | ccagcactga | ctgggataag | caaataagata | aatgggatgt | 480 |
| aacaggcctt | atttcaaaact | aataggttgt | tcaccaactc | ctagttggat | accctgctat | 540 |
| ccattatgaa | aaagaaaaaa | aggtaagttc | tcactctaca | ccatacttaa | atttcagatg | 600 |
| aattaagtat | taaacataaa | aattaaatga | aacatggggt | tncctgggga | ttctaagcct | 660 |
| actccaactt | ggaagctgca | aagttggcct | tgtgntctac | atgggaaaaa | aaatagaact | 720 |
| gcaaaggaga | atatttacta | ttgactactt | aaacttaaaa | tactacatga | cangmnetgt | 780 |
| aaaatagtta | aagatat | | | | | 797 |

<210> 3905
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3905

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gtgnnnnnnt | tgaatctttg | ctactaanng | cttggcnact | ngttctttnt | ncaggagacc | 60 |
| catgcgattc | gaattcggca | cgagggaag | gtctggctcc | agcttgagcc | cactcacagg | 120 |
| atgtcagggg | gaagtgtgac | taaggtcacg | gccacgccac | gtgggtggcc | agctggatcc | 180 |
| agagcagggg | ccgttggtgc | cacacatcct | gagtttccat | ggtctaatac | agtgggcttg | 240 |
| aaaaaaaagg | gtggatgcag | gatgctggct | gggactgtgg | agtgcgtggg | cagtaagtct | 300 |
| taagtgcag | tgggtggaga | ttacagcatt | tcactgtcct | ttcctttgac | accttttaa | 360 |
| gatacaaccc | acagttttca | agggtttatg | ccaatgtctg | ctagagggat | cttgcagtag | 420 |
| atcttaaacc | ctatagtatt | cttaagagca | caaggaaatt | cttatttggg | ttccatttac | 480 |
| aacaaagggtg | gaaattttaa | actaggctga | gaatttgaaa | tgctgttcac | attaagcagt | 540 |
| ttattagggg | gttattttga | aatcgcttct | taagtaattt | taagatgttt | ccacatctca | 600 |
| aaaggatnca | tacatttttc | ttcatttttc | tttggagaat | gtctgttcaa | ggatgtttac | 660 |
| cagggtttgg | ttttcaaaat | ttcagcggct | tttatngngc | tggcattcca | ttcgacagat | 720 |
| tggaaatttgc | cccttanagg | aaatgggaat | gttttt | | | 756 |

<210> 3906
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3906

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| agagnnnnnt | tnnncttan | ctactaangc | ttggctactt | gttctttttg | caggatccca | 60 |
| tngattcgct | gtgaagacct | ggaaacagnc | aaaaaagact | tgccaagctc | cagactgtcc | 120 |
| agctgggatga | agatatgcaa | gacttatgaa | ctttatttcc | tcctcacctc | tttttggcat | 180 |
| cagcggcaaa | tcttttcatg | aagccccaa | gacacaaaac | attttcccat | ttaaaggaaa | 240 |
| acactctagt | tttgcaagta | tatgcataca | agagacttta | gattgatctg | catgaagatc | 300 |
| acagttaagt | atacaggagt | agaactgcat | tattgcagcc | tttttgttca | cttataaatt | 360 |
| tctcttttaa | atagatggag | acaaaggaca | aggtgaaatg | tatcaagtca | aagtgaatca | 420 |
| tttagttgac | tctataattc | taagggtcaaa | atgggaacttg | atagtttttt | aaattaaaaa | 480 |
| atgtatacac | ctaacataga | aaattaaaga | tagctgcaga | ccattagaaa | taatacaatt | 540 |
| gtntntgttt | acttttactn | catgggcatt | gaaaagggtta | agaaacataa | atgggtcatat | 600 |
| ttttaaaggt | aagtacatgc | atatatatat | gcacacacac | ctntttttca | gcattttttt | 660 |
| gaaaaagtct | tgggggtctca | aacacatttg | nctcaaccac | attnnncnaa | atgtgattct | 720 |
| taataacctca | atnttggtct | ganaaaagtg | ccngg | | | 755 |

<210> 3907

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3907

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| agagnnnnnn | ttntatctta | tgcctaattg | cttggctact | tgttcttttt | gcaggnatcc | 60 |
| catcgattcg | aattcggcac | gaggccaggc | taatttttgt | attttttagta | gagatggggg | 120 |
| ttcaccatgt | ctcaaaactcc | tgacctcagg | cgatccaccc | acctcagcgt | cccaaagtgc | 180 |
| tgggattata | ggcgtgagcc | accgcacctg | gcctatgagt | ggtcttttaa | ttaggaacaa | 240 |
| atctaattga | aaggagagtt | gactgaagtt | ggccacacag | attgtgagct | gggcagtgcc | 300 |
| ttcatgaagg | cttgccacct | tgggacgccc | cagtttactg | gggtgtcttg | cggagtgcag | 360 |
| aagctttctg | gcagctgcct | gggtttggcc | agaccctgcc | tccctcccgc | ccggccaacc | 420 |
| cctagtcccc | ttcctgtctc | cacttgcatc | caggggtggc | tgctgttctg | agaacattag | 480 |
| aactgggaag | agagatggga | gtcacatgga | tttttgggtg | gcattattct | gaactttcgt | 540 |
| atccaagtta | gtccccctta | ttccactgtg | ggcattgccc | gtctaagcag | ttacctgatg | 600 |
| cctgctgctg | aaanctgctc | acaggangcg | gcggcgcccc | tggcactgnc | cttgcattag | 660 |
| ncttgngttt | gatgtgttct | tgngaattac | tttgtcagac | aaaatattac | ccgttgggtc | 720 |
| angaattctt | ttactccc | | | | | 738 |

<210> 3908

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3908

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| agtttnncta | tgaacncttg | gganctcaan | ngcttggcta | cttgttcttt | ttgcaggcat | 60 |
| cccategctt | cgaattcggc | acgaggtttt | ntgttatagg | taacaggaaa | acaaactaat | 120 |
| ncaagtggta | atgtgtccag | ctaaaaattt | gggttctgtt | aaggttaaaa | gaaaatttga | 180 |
| ggtanccagc | agtatctgcc | tcagatgctg | anaagcctcc | tgagataaga | gcgtatacca | 240 |
| tgtccataac | tgaagtttta | acattctntg | ccaaacagaa | ccagaattta | agggcaggag | 300 |
| aatttgcaag | atagaatttg | caatttgcaa | gaggggaattg | caattctgca | agagaggggg | 360 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| aatttgcaat | ttgcacagag | agggcaattt | gcaagagaga | attgtggggc | cctnagagag | 420 |
| aatacatcca | naggaagagg | gaaccangcn | ttacaaattg | aatngaacaa | ggacagatat | 480 |
| ctgaaggggg | tttggtagtt | cccantcaag | tatggtacan | ctangtgcac | ttccctggcc | 540 |
| agaccaccct | acagtgtatg | atccccctgg | ggagcaaaaag | ctgcaagtaa | cacttttggg | 600 |
| gccctataaa | ttctgctgtg | gngccactat | acngatcaca | gccaantggg | cattgtncce | 660 |
| ttttacacag | gatctggggc | tncacnccan | gattgcacat | ctggcacgan | tgtgtctgga | 720 |
| caggaagacc | t | | | | | 731 |

<210> 3909

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3909

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ttctttgaaa | cctnanggct | tgggcnactc | gttctttntc | caggagccc | atgcgnttcg | 60 |
| aattcggcac | gagggtcatt | gatagcaagt | aagtacttcc | tgaaggcttt | ccagttcaaa | 120 |
| agattacaag | ccattctgcc | tgccaaacaa | attatatctt | gaagatgcct | gttttgtaac | 180 |
| ccttgatgtg | aatttttttg | tgtctgaaat | ttacaaaaga | atgaaattga | aattgtaaaa | 240 |
| cactaaatgc | tttgggttta | ttttgaagta | atctgttact | ttaaaatgtc | aacattagga | 300 |
| agccataaaa | caagatatta | tgaaacccan | tattataaat | gttatctaca | tctaaagtat | 360 |
| tttaaaataa | cttattggca | gctttattct | ttttttcctt | acaagattta | gaatcttttt | 420 |
| ggttatatgt | ctatttttca | attttgttat | atttttaatt | taagtggcca | atgtggttat | 480 |
| gaacaagatt | tgtatggcca | gcttctgttc | tttctctaaa | cttcagatna | atatcatttt | 540 |
| agctataacc | taaaaaagtg | ttaaataaaa | tgacagatgt | taatttataa | gcagccatat | 600 |
| gctaattttac | tttttcatat | gatgatgggc | taatgggaag | ttccatatgc | tttcttttgg | 660 |
| gcctaactct | gaaaaaggtn | tatgtcagaa | gttctnngaa | atatgtcttt | agccaaggaa | 720 |
| ttttattccc | cttaaaattt | ggntacc | | | | 747 |

<210> 3910

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3910

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| caanctaang | gcttgggcta | cttgttcttt | ttgcaggan | cccatgcgat | tcgaattcgg | 60 |
| cacgaggctc | attccagctg | gtctatcgtg | ggcctcanaa | ggtgaagagg | gaccgtattc | 120 |
| tggggccccc | natagaccag | ctgtagctna | ttncancctg | taccttgggt | gatgggtaac | 180 |
| ctacnactgc | atcccatnct | gaatatnctt | tgaaactccn | cannagtgtc | tatttaagtg | 240 |
| taaannctcc | tnagagnact | gcnnnnnnnn | atngtgnatc | tnnccctgnc | cntnganngc | 300 |
| tnnangngcn | ccactactnc | aanccanaaa | gaaaagngtg | ctgntcataa | ngcncanta | 360 |
| cggatctgan | ntcatnagga | tnacatttnc | cnaaaggagg | tnaantgnng | gnaantgcnt | 420 |
| gncactatat | gaantacacn | ncantctgtt | antcactttt | aatnanntac | tgancctttt | 480 |
| ctaactatca | ggcgtnttat | tncatgaatc | ccnccntggg | aagatacatt | tnngaactng | 540 |
| ntcaaangcn | aacttcaatg | cngtganana | aatgctctat | ntngggaacn | ttggngannc | 600 |
| tnngctata | ttngaaacgn | ntntnacctt | gggactggcc | aagtnaacan | cnttcaatta | 660 |
| ccnttaaat | ntantgttta | aaggntncaa | ngggnaggtc | ntgtgncent | nattaaatnt | 720 |

1200

aanaagnngn ccatatccng ttnattcg

748

<210> 3911
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (719)
<223> n = A,T,C or G

<400> 3911
aacntaangc ttggctactt gttcttttttg caggagccca tgcattcgaa ttcggcacga 60
gcaccccttt taggattttac attagttctg ttccagtaaa ggcttaggta ggaagcacag 120
gatgtagagc tgagttgaac ctattccctt gatcttacta atgaggtgcc tgatattcag 180
agagaccaag ggacatcccc aaagtcaacc agcaatccat tagagctgag cctagtacct 240
tgattctcag acatgaatgc tacttggtga attgaaaatt gcattcataa tacatctctt 300
catagattcc tggccaggaa gccccagaga ccaaaacagt gggtatcaat atttagaata 360
tatcagattt acctggggag ctttatcaaa atccacactc ctaagcccaa tagggggaaa 420
ctctgatgtg gtaggttttag ggtaagacct gagtatttcc aagaaaacct ccctggatga 480
tcctgacaca gggagctttc agatcatcct ttgagaaaat ctgctttaga gctcattctt 540
tggttcggct ntctcttttg agctcactga tatcatccct gtggacactg aacttttctg 600
gaagctttct catctcagga attggtttgg gttactctac aatcagattt ccatncagga 660
tgtcacggca gtggtcfaat actgcacctg tgccttctc agccnaactg gnctggggcc 719

<210> 3912
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (755)
<223> n = A,T,C or G

<400> 3912
ngggnnnnnn cnntttcttc tngetganac cccnngtggn ttgncnact cgttcttttt 60
gcaggcagcc cagcgttttcg aattcggcac gaggaaactg ttttaantttt aaaggggtgt 120
attggtgtat gtcactgaaa attccacagg tacagtgggc ttcaggcatg gtttgatttg 180
gatgccagct ccgttttgct gagattccat tggttctgct ttctaccgtg tttcagcccc 240
gttttaggtg caaaacagng gtggaaatgt taggcttcac atcacctac cacatagacc 300
aaaatgagag ctaatatcca gtaggagaat gaacagctct tctaatacagg ctgtcataaa 360
aataaggaag cttatttttat agaagccttt accaaacctc cttctttgac ttgntgntcc 420
aaattggatt aaccagccca ttcttgccgc caaggaaata cacactggtt aaccagctct 480
ttactaacc atacctttag caaagagatt ggattaccca acaacttgat tgctctggag 540
actacttttg agttggggta tgagatagta gataggagaa tgatctgtaa gtagatattg 600
gataagcgag taagaaatgc aaactacact gaggtcttgc actggtctag gttttgggac 660
ccagatgtaa taggacatag ntcttttctc gagcctctag aactatagtg agtcgtatta 720
cgtagaacca gacatgataa gatncattga tgagt 755

<210> 3913
<211> 739
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3913

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| ntttgnaanc | tnaanggctt | ggcnactcgt | totttatnca | ngnagcccat | gcnnttcgaa | 60 |
| ttcggcacga | gcaaaccctt | cctttgtact | cgcccttcat | aatcactttt | gcttcacaca | 120 |
| cataacctct | gacagccact | gatgtgttct | ttatgactat | agttttaact | ctggaagaat | 180 |
| gtcatgtaaa | tggggctctg | tgttttgcag | catcatgcag | ctgtaacctt | tgattcagca | 240 |
| gataacaatg | tgcatggcct | ctccactcaa | ggtaatgcct | ttcagattca | ttcaagtggc | 300 |
| cgcactctatc | ggtagtctt | tccttttcat | tgctgagcag | tattccatca | caagggtgta | 360 |
| ccacagtttg | ttcgtgcact | catcaaagga | catttaggtt | gcttctagtn | tttggttaatt | 420 |
| atgaatagag | ctgcttaaaa | acagtgtaca | catgttttta | taggaacata | agttntcagt | 480 |
| tcttttaggg | aaatgccaac | aaatgaaatt | gctaggctat | atgttaagta | tatgcctgac | 540 |
| tatgaaaaac | tgcccaccat | tttccagtgc | ggctgatcac | tctgcattct | catcagcagt | 600 |
| gaacaagggt | tctagtgtct | ccctaccctn | ttcagaatgt | ggnattgnca | gaattttaag | 660 |
| tttanccag | tcttaagaag | tttngtattg | ntatcatatc | atgggtttaa | atttgggnant | 720 |
| tcctgaccg | gataatggn | | | | | 739 |

<210> 3914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3914

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| agggnnnnntn | nnttcntctn | atgaactcnt | anggctgggc | aaactngttct | ttctncagg | 60 |
| agcccagcgt | ttcgcgtaga | aacaccccaa | nncaagcttt | ttcatctgct | gcntataatc | 120 |
| acgagtccta | tncttctgca | ctatcangng | tnnttactn | cctgctnaaa | ncnntgttgt | 180 |
| ccatttnatt | aagacagaag | ttntctttat | tgtnaaattt | gaactgtatc | tatgttataa | 240 |
| tagtaatggt | aactcantoc | aaaggaccta | ntnacaggaa | gtaacntgtc | ntacatatca | 300 |
| gtnnatatan | ggnnntnagt | aggacatac | tgtgatcttg | gnataactgn | aattttttan | 360 |
| nttctctgggc | ggttcantgc | attgatnnat | cacatnatnn | taanacatgt | atgttgagac | 420 |
| anagcangan | tctgtctcaa | aaaaaggga | aaattcctgg | actacataaa | ttaaaagtcc | 480 |
| atgaatagga | ttggcttcta | gcatgccctt | tcnggtgctc | agacacttaa | tcagaaattg | 540 |
| gacttgangt | tanttttatt | ctcaggccaa | ccttctccag | tantgatgaa | nanggccacn | 600 |
| cagcaactnt | gacctgccan | tntggaacaa | atggatcana | aaagtgtaan | ctaagctgca | 660 |
| tcngaangcc | cangaatgcc | tctnactggc | ctgacttnog | tcatgngccc | atctttgcac | 720 |
| aacctgtggn | ctttggcgang | gcaaggggn | | | | 749 |

<210> 3915
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3915

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tctttgnaan | cttaatggct | tggctnctng | ttctttntnc | aggntcccat | gcgattcgaa | 60 |
| ttcggcacga | ggagtatgtg | tccagcgccc | cctgtgggtg | gtgagagaaa | gcagctgcaa | 120 |
| ctcaagtga | taggtgggac | cagctggctt | cgtgcaggag | ggcacgtcac | tgcatacgac | 180 |
| ccggccaccg | tgttctgaag | gacagcgcca | aagatgggtt | agagtcactg | ctgtgggagt | 240 |
| cttcgtcccc | acacagagga | caggctgctc | agctccactg | tgcaagatga | tgcaacacca | 300 |
| gaccagtga | gtcaggacga | tgctgctcac | gacagcaatg | gtgaagatgc | ctaccgtggt | 360 |
| cccatccttc | ctgcagcctg | ctgcgggcag | gacgctcagc | tggctgtgag | ctcgctccgt | 420 |
| gcccagggtg | ttggacatct | cacagatacc | acacgggtctt | ccaaggggac | caccaaggat | 480 |
| ggggtctcta | caagagagca | acagagatct | tagtcattct | cagggcctcc | gttgctctgg | 540 |
| ctctgccggt | cttctggaca | acggacaatc | caacatatca | atgagatgca | tctgagattc | 600 |
| tgtctcanag | tggcaagctt | tggagaagac | ccttcaactc | attgactgag | tcctctccat | 660 |
| gctgggagt | gcttccacag | ggacagtga | cctctgctga | caaaagcccc | tgctattcct | 720 |
| taactgtcct | gggc | | | | | 734 |

<210> 3916

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3916

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agagnnnnnn | ttnatcttat | cgcctaattg | ttggctactt | gttctttttg | caggatccca | 60 |
| tcgattcgaa | ttcggcacga | ggtgatctgc | ccgtctcagc | ctcccagang | agcacgtgga | 120 |
| ttacaggcat | gagccaccat | gcccggccct | ggatgtattn | tctatcctag | aatgtccacc | 180 |
| tttaaaaatg | aagcccagtg | aaaagtgttc | ccccactaaa | atgtggactg | ttttgcttgc | 240 |
| agggatgtgt | gggtttcttg | tagatagaag | gctagagcta | gcaccttccc | aaattgcaga | 300 |
| ggaatcaatc | ctggcttgct | tgtgagctgg | ggaggaatgg | aaaggtaggg | gccttgagag | 360 |
| tccttaatta | cataggggat | gtcctatcat | tttgtntatt | ctttaaaaag | ataatgggat | 420 |
| tctttntngn | tggtgttagt | ctcgctttgt | cacgcaggct | ggggtgcaat | ggtgtgatct | 480 |
| cggctcactg | catectctgn | ttcctgggtt | caagcaatc | tcctgcctca | gcctctcaag | 540 |
| tagctaagat | tacaggcatg | caccaacatg | cccactaatn | tttgtactnt | tagtaaagac | 600 |
| ngggttttgc | catngttggc | caagcttggt | ctcaaactcc | tgacctcaga | tgatccaccc | 660 |
| tnnttgggaa | ccaaggcagg | aagattgctg | gcagccaaga | attcnanggt | gcaatgagct | 720 |
| atgattacat | cactgngctt | caa | | | | 743 |

<210> 3917

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 3917

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttntnnnnan | ctaanggctt | ggctacttgt | tcttttttgc | ggagcccatg | cgattcggaa | 60 |
| aaatatagct | aacacttaat | gtttgaggtc | tgagcacttt | acattaaata | tttaacctat | 120 |
| aaaatgaaat | gagaacttac | ttttattatc | ctcacttata | cagatgagga | aaccaagaca | 180 |
| cccagagatt | aataatttgc | ctaaggtaac | aaaattagta | agcatcgtaa | ccaggatttt | 240 |
| tggtcagtct | acacaccttc | cccgttccct | cactatagtg | cctgctgcaa | attgtacttt | 300 |
| aagctatagt | tggacaaaat | attaaaatct | atctgggatg | ataggtgacc | aaaaaaaaaa | 360 |

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gtatatattga | aagtatcaca | gtgttaacag | ggcagtgaag | atgataaggc | taagatacag | 420 |
| aaaggaaacc | agagagcaga | gtctactgct | tgggactgtg | gctcctccag | gcacctttga | 480 |
| ccattcccaa | taaggtaccg | tgagaccctg | agcactcttc | ctgtaccacc | tacacagctc | 540 |
| tcctcttcct | ttcctggggt | tactttatatt | ttcactatca | gcctctgttg | cactatattg | 600 |
| tcgttatgtc | agtatttgtt | tggtgattac | ccattctcca | tggctaggaa | tgtcagctcc | 660 |
| agcctgggca | acaagagcta | actccatctc | aaaaaaggaa | aaaaaaaaaa | aaaaaaaaac | 720 |
| tcgggccttt | ana | | | | | 733 |

<210> 3918

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3918

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| agngnnnnnn | nnttnnctta | tgcctaatag | cttggtact | tggtcttttt | gcaggatccc | 60 |
| atcgattcga | attcggcacg | agctgaagtg | aggttgaggt | gggtgcacgg | agcccccatg | 120 |
| ccctcagtgg | gtacaccagc | ctcccagcac | ttcctcatgt | tcaccaacac | ggaagcttat | 180 |
| cagagcttgt | tgtttcagaa | ctcaattgcc | agctcactgc | tgaagagatt | ggtgggtagg | 240 |
| gctgaaagaa | atatcagtgg | gtctttgtgg | tattcagccc | catcctgaga | tggcctatcc | 300 |
| aggggctcta | taagaagtca | cctcattagc | ataaactcac | atgtgaccaa | aaggatcttg | 360 |
| ttatgaataa | caaaagatgt | tcttattact | caggaaatcc | caagagttaa | gatgctctgt | 420 |
| gtcaggggaag | tggggatgca | gaccaatttc | ttattctatc | acattaacca | gaatcaagct | 480 |
| tataaaaatg | tatttttttt | tgtatgggcc | tcantgtgcc | tacttgaata | atttttgctg | 540 |
| atttgattaa | aaaattctgn | ttttccattc | tcttttatta | gctgtcccat | agttttaata | 600 |
| cagccatcat | cccaagacca | gaaggaagtt | aagtgtcat | ttataaaaat | gattgnatcc | 660 |
| tncttttcca | tctattactt | ttgngtccat | tatgcatgtc | aagctgggtc | ttgggagctt | 720 |
| actctntgna | ccctctatta | gacagang | | | | 748 |

<210> 3919

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 3919

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttgaanctaa | tgcnnggtac | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gagctttcat | ggtatgtcca | taggtgtaaa | atgatggcct | taatgcttat | aataataagg | 120 |
| taggtttttg | tatgtctaat | atacagagaa | atttccaaag | actttttaat | ctttgcttag | 180 |
| cataaggagt | ttagtcagta | actattacaa | ggaaaaaatg | atcagttttc | atttgtcagt | 240 |
| tcataagcc | ccaggcaagt | ttctttcggg | tttgactttt | tattaattaa | ccatataccta | 300 |
| agtgtctaaa | gccatgagtc | atttttaaaa | tttatctttt | tttgtatgcc | atcacttcta | 360 |
| gttttaccac | tttgtactca | caaagaagcc | acaaatggat | taatcattat | gtcatctaag | 420 |
| gaaataaate | catggcatag | gggtaaatth | aaaaaatact | ttgtactagg | attttataat | 480 |
| agcttaaatt | tattgaaggg | ctactgtgtc | acaatcaaca | tgctcagcat | ttttcatgtg | 540 |
| ttattttcca | tttgtaactg | gcaactactt | aggattatth | agttaaaaat | ccttccttta | 600 |
| tggaatgaga | tgtctgttta | ttacgtttac | agccacatta | cagatctatt | gacataaact | 660 |
| ccactatggg | aattgtgtct | ctttttttcc | ccctctctgg | ttcacctgct | caatggttta | 720 |

aca

723

<210> 3920
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (723)
<223> n = A,T,C or G

<400> 3920
cttcttgcta atgcttggct acttggttctt tttgcaggac ccatcgattc gggaaagtgc 60
caggaccctg agacatcctg ggattcctgt ggtttaggaa agacctttaa ctaccagctg 120
gtagttgtct cagcattctt caaatagtcg ggtcttggtt aatattatta ttattattgt 180
tatttaattt tattttattg caactgtact tagagaatag tctggtcttg agaccttttc 240
actgtggtct gttctggtgt acggctccca ccagtgtgaa gcagaaggat gactttgctc 300
tgttgtcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg ggaagagaga 360
gccacctagc atgtcccccac tgaaccagtc agcagaaggc cttccccagg aggcctccaa 420
cagatccctg aatgccacag aaacctcaga ggcttgggat cccaggaccc tccagcgtc 480
aagatctccc ttgccgtggt cctttccgtc atcacactgg ccacagtcct ctccaatgcc 540
tttgacttca ccaccatctt actcaccagg aagctccaca cccctgcca ctacctgatt 600
ggctccctgg ccaccaccga cctcttggtt tccatcttgg taatgcccat cagcatcgcc 660
tataccatca cccacacctg gnactttggc caaatcttgt gtgacatctg gctgncctct 720
gan 723

<210> 3921
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (719)
<223> n = A,T,C or G

<400> 3921
tagctaattg ttggctactt gttctttttg caggacccat cgattcgaat tcggcacgag 60
ccaagcagac cttggcatta tagatacagg tttctaaaag ctgatagctt ggctgccagc 120
ctcatgggct ggatcaccca caacttcatt ggctctctct agtggaaagt ggagcatttc 180
cttgggtgaat tcttttccct gaggggcaag atccatgccca cacagctctc tgacctgtg 240
tgtcacaacc cttatgggtc atgagcaaaa tggttgctag tagtcatttg ggcattttctc 300
ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360
tacttccagt gagtcagttt acttggtttt cacatcttca agttgagtct agaattggagt 420
tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480
agtgccatat ccactctact ggctctctag agattgtgta aaggaggctg gccttttgga 540
gatgatctga atacatggta ttgaggacaa accttcttcc caaggctgat ttgataatat 600
gtgagtttgt ggggtctaaca tgtagaaata cactcaactg aatggatgtg gggtaatctg 660
ggtatttaga cagggtggtt tggtnnggtt aatgggncca aaccttggtt nctggaaaa 719

<210> 3922
<211> 745
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 3922

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| agngnnnnnn | nnttnnnnnn | ttntaancta | atgcttggtt | ncttggtctt | tttgcangca | 60 |
| cccancgatt | cgagtgggta | gcaaggagtt | ctgtgtaaat | acttgggagg | catccaagcg | 120 |
| gagagttaag | taggcactga | atattttaag | tgagctgagg | ggagtgatct | agactggaca | 180 |
| taaatttttg | gagtcactag | tatacagatg | gcatgtcatg | gaactgattg | anattgtttg | 240 |
| tggccttaag | atcaagccct | gnagactgg | agtaataaaa | ctctggtctc | ccacacagtc | 300 |
| agctctgngt | ggggaaaaaa | aagccctaaa | acactaacia | cggctaaagc | ttggggcaaag | 360 |
| ganactgaaa | aggttcagcc | nttaaagtgg | gagagtattt | tattattttc | aagaaagagg | 420 |
| gaatggtcac | ctctgtcaaa | tgctgntgan | aagttacaca | atgagaatag | agaaatgtct | 480 |
| atttggaatn | gacaacatga | tggtgactgt | tttgacaagt | ggnccaagcc | acattgggat | 540 |
| gcttcgaaga | gagaatagga | agtgaagtga | atatcgacag | ctcgtagggg | aaatttgctg | 600 |
| ctgtaaaatg | gagagaacca | cttaatgctt | caganggaaa | tgggggtcaa | aaaaaaggct | 660 |
| ttttttttta | atttttttaa | naacaggagg | nccttcannc | atccaggttg | gagtgcattg | 720 |
| ngcaaattnc | cggttaccaa | anacn | | | | 745 |

<210> 3923
<211> 747
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

<400> 3923

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agngnnnnnn | cnnttccnct | nttgnaacct | ntnatggctt | ggcaactngt | tctttctcca | 60 |
| ggnagcccat | cgnttcgaat | tcggcacggg | cctagtagta | ccctgacctc | caggtgcccc | 120 |
| tgactctggg | aaagcctttc | tgatgatctc | aagcttgcan | attctgtccc | tggtctgacc | 180 |
| gggggtcaca | gcctagtggg | agaacaggac | ctcctgctaa | gatgctggaa | ggaccctttg | 240 |
| ggggagctga | ggcctggctc | ccctctcccc | aggcgcaggt | gcacaggcgt | gtgggctgtc | 300 |
| tgcaagcaca | gatectgect | cacagcacca | ttaccacaat | aactgaatct | gtgtttcctg | 360 |
| gctgctgtta | attgtgctan | agatttgggg | catggttttg | gggtgaagg | tnnaaatgag | 420 |
| caattagccc | tnaaatgtta | aactaataag | ggaaataaat | gatcaagcaa | agtctagcct | 480 |
| angaggtttc | agcaaccgaa | gatgggctgg | gacggggctg | ggatgccgcc | gacccagcag | 540 |
| ggagtggccc | ancnggtttg | cttcaatgac | ccangatgtt | tccacaantc | ggaaagggtt | 600 |
| gctatcttnc | tgtctgctac | ttagaaagt | ctatcttacc | ccnggatct | nacttacacc | 660 |
| accagancat | tactggtcta | cccgncagg | ctcttctgct | caagaagaca | gggaaaggat | 720 |
| ttgctttccc | caacccatta | nnacccc | | | | 747 |

<210> 3924
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 3924

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| ttntnnncta | cttgatgntt | ggctacttgt | tcttttttga | ggatcccatc | gattcgaatt | 60 |
| cggcacgaga | aaaaaacana | aaaaaacctt | gttttcagtg | ttatgggaga | gaaatgaaca | 120 |
| atgggaaaca | accgaggaaa | gctggagcag | gttacgtata | aaaataaagt | ccattcacca | 180 |
| aaaaaggcat | tacttacgag | ttaccagggg | tgagagatag | gatgctgaag | tggtctagaa | 240 |
| attaagctac | ccagtatgga | agggtctgaca | attcagtgat | cgagagcagt | gccttagaac | 300 |
| agccaaaaca | atagcaaaact | gagatctgca | gaattaactc | tcctgaaaat | aacaaggagg | 360 |
| tactcatttc | acgttttcctt | ctatttgatt | tacaagaggg | tgtagcttga | gggaaaatgc | 420 |
| ctcacacttg | ttgaattaca | cagttgtttc | tcattcactt | ttaatcacgt | tttgagcacc | 480 |
| tgctaagtac | caggcatttt | gctaattgag | agcacagagg | taaaagacac | atcactactg | 540 |
| tatgaaatgc | gtagctcant | ggtgtgatac | acaagcacag | agaggttacc | agagagcaag | 600 |
| gagggcatgg | aaganaggcc | ttnacttttt | ggactgggaa | nggagaaaga | tgtangacaa | 660 |
| gaaaatcttt | cccttaagga | gcttgatgct | ttgaacttgt | gccctngngg | aatgaanaag | 720 |
| ttnacccant | tngggcttan | cnt | | | | 743 |

<210> 3925

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3925

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| gnanctaata | ntgcttggct | acttgttctt | tttgcaggat | cccatcgatt | cgtctagact | 60 |
| ctggctcgta | ggaacgggtc | aaggccttca | ccatgagaag | agcaccaaag | ggagttaata | 120 |
| tggggttgac | cagaggtagg | caaaggaagg | cctgtgggcc | aatcttgcc | agctacctgt | 180 |
| ttttataaat | aaagttttat | tggaaacaaa | ccatgctggg | gtttgtttca | tatttcctga | 240 |
| ggctgttttc | acactgcaat | ggcagaggtg | agtgggtgac | acagatgccg | tctcaccaaa | 300 |
| gcctatgata | tttactgtct | ggccctatac | anaaaaagct | tgttgacctc | tgggttagac | 360 |
| tgtcaggtgg | tananaactaa | ggagggagtg | ataagtccct | gttggccacc | tgaggttttg | 420 |
| nctgtgtcag | gaagctgcag | atgggagatg | tccaggcagt | ggctcanaag | aacccatgga | 480 |
| ggacccatta | aggggaanggt | tggatatgtg | acaccancca | cgcccangtg | aaccanctgt | 540 |
| gcagtcaaat | acanaacttn | ccgtccctta | caccttcctt | ctctgnggtt | tcaatttttag | 600 |
| tgaaagtcan | ccacaccnca | nangtngaac | caaccogtgc | agtcaaaatn | caaaactttc | 660 |
| cttgccccct | taaaccttcc | tttttnctcg | gtttccaatc | ctggtggaag | gtccataagc | 720 |
| cccagtcnt | gaanccaagg | nng | | | | 743 |

<210> 3926

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 3926

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggggnnanng | cccttnctcc | angcngtaac | tctcgggaa | ggcccggcnn | cttgttcttn | 60 |
| cnnacagnag | cccacgctt | cgctcnacna | catnnctggg | ccctttttca | tggggattna | 120 |
| tgncnagtgt | nnngggacag | gaccattcan | tggctggntt | nnaannttga | tggngtnaan | 180 |
| tgcnnttaga | ataaanngaa | cagancaaaa | taangnnngg | ntagnaggaa | gatggnatgc | 240 |
| acatganaag | ataanggcag | cagnanaggt | gagggaaaga | gtggatatng | gggaatgaen | 300 |
| ttatnaangc | cangaaacta | gaatctnagn | gacggaaaag | ctnnaaaagn | tctgagncnc | 360 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|
| ttnncnana | c | g | n | g | g | g | g | t | a | c | c | c | n | c | t | t | t | t | t | g | a | c | a | | 420 |
| tactgaacan | g | g | n | n | t | c | c | n | a | a | t | c | c | t | c | t | g | c | g | g | c | c | a | a | 480 |
| tanngccnna | a | c | c | a | a | t | g | g | c | n | a | t | t | n | c | n | a | g | g | c | g | t | a | a | 540 |
| gggctgaggc | g | g | g | a | a | a | t | c | a | c | t | t | g | g | a | c | c | c | a | g | g | a | g | c | 600 |
| acacgccaat | g | n | c | a | t | a | c | g | c | c | t | n | g | n | c | c | c | c | n | a | a | a | a | a | 660 |
| angggaccca | a | g | a | a | a | g | g | g | n | g | g | a | a | t | c | c | c | c | c | a | a | c | c | c | 720 |
| aaaggggaag | g | n | n | n | c | t | t | t | t | a | n | g | g | a | a | a | a | n | n | a | a | a | a | a | 780 |
| ntaggnc | | | | | | | | | | | | | | | | | | | | | | | | 787 | |

<210> 3927

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3927

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|
| tntttgnaan | c | t | a | a | n | g | c | t | t | g | g | n | a | g | c | t | n | g | t | t | | | | 60 |
| tgtgggttga | a | g | c | c | t | g | a | a | t | g | t | g | c | a | a | c | a | c | a | c | a | c | a | 120 |
| gccaggttat | c | a | g | g | g | g | c | t | t | c | a | c | t | g | c | a | a | a | g | a | g | | | 180 |
| ttctgggctc | t | g | t | c | a | g | c | c | a | t | g | t | a | a | c | c | t | g | c | a | a | c | a | 240 |
| cagttctggg | a | a | a | t | g | c | c | a | g | t | g | g | g | t | g | c | a | t | t | g | g | c | | 300 |
| agatggatat | t | a | t | g | g | c | t | t | t | a | g | t | a | a | a | t | g | c | c | t | g | | | 360 |
| tgccagttgc | g | a | t | g | c | c | c | c | t | c | a | c | a | g | g | t | g | c | t | t | | | | 420 |
| tcactgtgaa | g | a | a | t | g | t | a | a | a | g | a | a | t | t | t | a | t | c | a | c | a | | | 480 |
| tcgctgcctt | t | g | t | t | c | a | g | c | a | g | t | g | c | a | c | a | a | a | a | a | t | | | 540 |
| ggaacctgaa | t | g | t | g | a | c | c | a | g | t | g | t | g | t | a | a | a | a | a | a | t | | | 600 |
| aaatggctat | t | a | c | a | a | t | t | t | t | g | a | c | a | g | c | a | t | c | t | t | | | | 660 |
| gacccagttt | a | a | a | a | c | t | c | c | a | a | a | a | a | a | a | a | a | a | a | a | | | | 720 |
| cttcatacac | c | c | a | c | t | g | | | | | | | | | | | | | | | | | 736 | |

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3928

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|-----|-----|
| agggnnnnntn | n | n | n | t | t | n | n | c | t | a | a | c | c | t | c | | | | | | | | | 60 |
| gnagcccagc | g | a | t | t | c | g | a | a | t | t | c | g | a | c | a | g | a | | | | | | | 120 |
| aaacatcatg | a | t | c | t | t | a | c | a | c | a | c | c | t | g | c | a | c | t | t | t | | | | 180 |
| ggctgaatgg | t | g | t | c | t | g | t | t | a | a | c | a | g | a | t | t | a | t | a | g | | | | 240 |
| tcttatcaat | g | g | c | a | g | a | c | a | t | t | t | c | a | a | c | t | g | a | | | | | | 300 |
| tgctctaacc | c | t | g | t | t | t | t | c | a | c | t | t | a | a | c | a | a | a | | | | | | 360 |
| tattacagaa | t | t | g | a | c | t | t | c | c | t | c | a | a | g | t | t | t | c | t | | | | | 420 |
| agcatcttta | t | c | t | c | g | t | g | c | a | c | a | g | a | t | a | g | a | | | | | | | 480 |
| tggctataga | t | c | a | c | a | g | t | a | c | t | g | t | t | c | c | g | t | | | | | | | 540 |
| tccgtgagat | a | t | t | t | g | c | a | t | a | c | | | | | | | | | | | | | | 600 |
| gtcatacact | c | a | g | t | c | a | t | a | t | t | | | | | | | | | | | | | 660 | |

tcttacatgt tacagantgg gtgggatgtt cctttgccag gggattaaaa aaaaaaaat 720
 cccaagtctt aatactgntt tctnccnacy aat 753

<210> 3929
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3929
 ngngnnnnnn ntttnnannc nnttggaac ctgtgcnagg ctcttgttct ttttgcagg 60
 acccatcgat tctgattcggc acgaggtgga ataatatctt ttgaaataac taagtcact 120
 aaattatata gtatgctatt ctggttctaa gtacatatta gtcccttggc aaatctgttc 180
 tttcaaagca taccttcccc aaatgagcct acctacttct taaaaaacat ataacacaat 240
 gtggtagtag taggtgtnag gaaggtaagt tntttcatag gggnatgcan acatatnatt 300
 gaaatattac atagatntaa agacttaggg aataaaaaata gcagcaacaa atacttgata 360
 gatttatcct acttgggaga aatattttgt agcagagtat ttagtatact tagaagttga 420
 tttagcaatt aggccttaat gaccttacia agtgaacata actgaacaca ngatattttc 480
 caatgcaaga tgaggatgaa aatnttacct tttaaccat ctggctaaag tttagactta 540
 gcaaaaatna anatgntgcc tttgnccaag tatngattca ngngactaga catatatggg 600
 tgtgtaataa ggaggattg gactgaaata tnttttgcag ggtttcacat gtaaaactgc 660
 acttgccctg naaggatnnt ggnaanaatc tnggtttttc ctcagnnnc ntnagaaca 720
 gtaaggggnc ctaacctnnt ttaaccctga aatg 754

<210> 3930
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3930
 gnnnnnnnaa gngnntnnnn tttgatanen tnttnaanct taanggcttg gctacttggt 60
 ctttttgcag gctcccagcg attcgaattc ggcacgagcc cgccacatgg cctgtttctt 120
 tccttgctgc tcctgcagca cagccctgac tcgggggctt tgcgtgtccc ctcanogctg 180
 cagggcccaac tccttctct gtcttggtct ctgcttagcc agcgcacggt cagggaggca 240
 tgggtggcca gcccgaagg agccaggcct cccagcacc cttcccttgt gtggcctcct 300
 cccacatggg atctcagccg gtcctggctt caactaaaca ggacgtggca ggcgtgatgc 360
 cctgcccaatt ccaggcctaa gccttgacac agcctggcag cttctgcttc tgaattgcag 420
 gaccccaact gtcagttaaa gaagtctggc tgctttgctg gaaaggccaa atggagagac 480
 cagctgagag gccacatana caggccttgt ggagagggaa aggtgctgag actacctgga 540
 angggagccc agttgaccaa acacccccca ctgagcccat cccccagnca ttccttgcca 600
 ggacacccaa catgtaagt angcatcccg ggccgttcca ancttgggna ancgccantg 660
 ggactgtaac ttgcannagn aaaaattttg ctttnnaacn aaaagtactt ggccnancnt 720
 gaancccan ttngtccca cannaattcc ttggagagna taaacccaaa ttgaattggt 780
 tggttnca 788

<210> 3931
 <211> 460

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (460)
 <223> n = A,T,C or G

<400> 3931

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| ttenaccagc | tcttgttctt | tttgcaggat | ccctcgattc | gaattcggca | cgaggcttgt | 60 |
| tctggggaaa | gctcatataa | gtatggattt | tattcctcaa | ctagtaggat | accaatactg | 120 |
| gtattgaaac | ttggggaaaa | taactggaga | taccagtgca | gctattttaa | gctgtagcaa | 180 |
| gggctgcaat | cttgccggaga | ttttaaagag | aagtttttaa | gttttctaata | ctgatgcctc | 240 |
| tttttggtaa | atacaagttt | tataaatcct | gccctgggat | cctgattccc | cattaatcaa | 300 |
| gatttgtcag | acttcacctt | ctataattag | aaaacacagt | tataagaaca | gtcaattttt | 360 |
| taaattttcc | aaattaaaaa | attgcaccat | gattttgaac | aagcacttcc | aattacatta | 420 |
| cccattctgt | atgccatagg | tgggagtata | attgtcacag | | | 460 |

<210> 3932
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 3932

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| anctaangct | tggctacttg | ttctttttgc | aggancccat | cgattcgaat | tcggcacgag | 60 |
| attttaagtg | tgcagctcag | ccgtatttag | tgtattcaca | atgttctgca | accaccagcc | 120 |
| tcctgagtag | ctgggtgtgc | accctgcacc | cagccagaag | tggaatatct | tggtggggct | 180 |
| gggcttagag | ctggagctgg | tggccggctc | tgctcgctta | cagaattctg | tacggtttct | 240 |
| gatttctctc | agcccatctg | tccttcactt | gcaagcatct | gatgactgct | gcatgtacca | 300 |
| taaaaacatg | caaatatata | attcttggct | ttgaggaggt | gaccctatga | aattgactta | 360 |
| aaaaagttgg | gctggatata | gtggctggcg | cctgtaatcc | cagcactttg | agaggctcag | 420 |
| gccggagggt | cgcttgagcc | caggagtttg | ataccctgtc | tgagagagaa | ttagctgggc | 480 |
| atgttagtgt | gcgcctgtgg | tcccagctac | tcaggaggcg | gggcgagagg | gacccctcca | 540 |
| gctgagatgt | gagggttctt | tgagcccagg | aggtccatac | tgcaagtgagc | catgattggg | 600 |
| ccactgcatt | ctagcctcag | tgacagantg | agactgttta | aaaaaaaaaa | aaaaaactcg | 660 |
| agcctntnaa | ctatagttag | tcgtattacg | tagatccnga | catgataaga | tacattgat | 719 |

<210> 3933
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (742)
 <223> n = A,T,C or G

<400> 3933

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| agagnntnnn | nnttgttgac | tctaattggct | tggctactng | ttctttntnc | aggagcccag | 60 |
| cgattcgaat | tcggcacgag | gcctggcgaa | ttttttttgt | atttttggta | gagtttcgtc | 120 |
| atgttgctta | ggatggcttc | aaactcctga | gctcaagtga | tccacctgcc | tcggcctccc | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agagtgetgg | gattacagtg | tgagccacca | tgctcacct | aggggtgttg | gtttttaagt | 240 |
| gaaacatgca | catggtaa | attaaaaccg | tctaaaaggc | tgaccatga | aaagcaaggc | 300 |
| tcccttctcc | cacccaatcc | ctgaattctc | cctggagagt | atccctccta | agtgcacgca | 360 |
| cttccactct | gttccatttc | tgctgttaa | aactacttag | tcagcttag | tgtagtgga | 420 |
| cctgcttcag | aataacccat | atgggtcttc | tttattctca | tgaaccacag | agcatttcat | 480 |
| gtgttgata | tattgtctcc | tacttacgga | catttgggg | tgcttctgtt | tttgtttgtt | 540 |
| ttgtgacgga | ctcttgetct | gtcaccacag | ctggagtgca | gtggcacagt | ctcgtcatt | 600 |
| gcaaccttca | cctcctgggt | tccaacgatt | cttccctctc | acctcccaag | tagctgggga | 660 |
| ctacaggtgc | ctgccacat | gccactnat | ttttggattt | tttggtaaaa | caggggttca | 720 |
| ccatgtttgg | ccaggcttgg | tn | | | | 742 |

<210> 3934

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3934

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| agtttnnnan | ntnaacnnnt | tgctgccata | gcgtggcttt | ttgcaggacc | catcgattcg | 60 |
| aattcggcac | gagggggccc | ccatttttct | caaatncct | gagcctcaag | aggtggngga | 120 |
| agagtgaag | aagtacctgt | cgtanggaga | tttgggtaga | agccctcatg | ctgagctttg | 180 |
| tgccctggt | gatgttgga | cattaatgat | ggaacatggc | caaacttcag | tcatgatcct | 240 |
| gaaacatgg | cttcaggatc | atgactgaag | tcattggttc | ttccctgcca | gaaatgaagg | 300 |
| ttcagttatg | aggcaaccct | ctagtaaggc | attgtaaaag | ttactggntt | nggtttaata | 360 |
| aaagtgtaaa | tanagtanat | gaaaganaaa | ananaaaactc | nagcctctag | aactatagtg | 420 |
| agtcgtatta | cgtagatcca | gacatgatag | ggatacattg | atgactttgg | acaaaccaca | 480 |
| actgaatgc | actgaaaaaa | atgctttatt | tgtgaaattc | gtgangctat | tgttttattt | 540 |
| gnaaccatta | taagctgcaa | taaacaagtt | aacaacagcc | aattgcattn | catttcatgt | 600 |
| ttccaggttc | aggggggaag | gncttgggga | agggtttttt | taaattnnac | ggggccgccg | 660 |
| tggnccaatg | ccnttggggc | cccggtaacc | caagcttttn | ggttnccctt | ttantgnaag | 720 |
| gggttnaatt | ggccccctt | tngggcntta | aatncatngg | gncantaacc | tnggnncccc | 780 |
| cnggggtggg | aaaaatttt | | | | | 799 |

<210> 3935

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3935

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| agagnnnnnn | ttgannctaa | tngetggtng | ctcgttcttt | ntncaggagc | cnancgantic | 60 |
| ggtaaattcc | tggttccag | gctcaagcct | tccactgtat | gctccatggt | accagctatg | 120 |
| ccttttgaac | gggagatgtt | gcataaataa | ttgttgagta | tgcacttttag | attctttgct | 180 |
| aacatcacat | ttggtgaaac | tataaaataa | ttcccatgaa | aattggattg | cttaatatca | 240 |
| taactgatat | ttaataatat | ttaatatgtc | tctaaaattt | ctggctaaaa | tgaaaatatt | 300 |
| caaccatcag | gaaggagaaa | caaaactatt | actgtttgta | aacagtttat | catcagtact | 360 |
| tacctaaaaa | tcctggagaa | tgagctcaga | aatatttcta | agagttgaga | cagtttagca | 420 |
| aaatgaacag | atacaacctc | aaaccaaacc | aaactagaaa | gctcagagga | cacagaaatg | 480 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ccagtactga | gctggcaaca | cctctgttgt | ttgtgaaaat | gttctcttga | acacatggac | 540 |
| acaggaaggg | gaacatcaca | ttctggggac | tgttgtgggg | tgggggggatg | ggggaaaggg | 600 |
| ganaantncn | nngnnnnnnn | nnnncccant | nnntnnnnn | nnnnnnnnnn | nnnnnnnnnn | 660 |
| nnnnnnnnnn | nttnannnnn | nnnnngggnn | nnnnnnnnnn | nnnnnctttg | gnnnnnnnnn | 720 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnccnn | nnnnnaaaan | nnnnnnnnnn | 780 |
| ntnnnnnnnn | tnnnnnnaa | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 834 |

<210> 3936
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (748)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| <400> 3936 | | | | | | |
| agagnnnnnn | tttttgaanc | taatggctgg | ctactngttc | tttntncang | atcccatgcg | 60 |
| attcgaattc | ggcacgagtg | gaagctctca | ggccaaggtg | attgacagag | atggtttttga | 120 |
| agtaatggaa | tgtataaaa | gagaccagta | tattgtggac | atggccaaca | ccaaggggtca | 180 |
| tacagcaatg | cttcatactg | gctcatggca | tcccaaaaata | aaggggagaat | ttatgacttg | 240 |
| ctcaaatgat | gcgactgtga | ggacgtggga | agttgaaaat | ccaaagaagc | aaaaaagtgt | 300 |
| gtttaaacca | cggacgatgc | aaggcaaaaa | agtcattccc | actacgtgca | catatagtag | 360 |
| agatggaaac | ctcatagcag | ctgcctgcca | gaatggaagc | atacagatct | gggaccgaaa | 420 |
| tttgactgtt | catcctaagt | tccactataa | acaggctcat | gactcgggca | cagacacttt | 480 |
| tgcgtgactt | tttcctatga | tggtaatgtc | cttgccctctc | gtggaggtga | cgattcatta | 540 |
| aaattatggg | acatccgaca | atttaataaa | ccactttttt | cacctcgggt | cttcccacca | 600 |
| tgttcccaat | gactgactgc | tgtttcagtc | cagatgataa | gctcatagtc | actggtacat | 660 |
| ctattcaaag | agggatgtgg | cancggcaaa | cttggtttct | ttgaaccgta | ggactttcca | 720 |
| aagggtgtat | gaaatagaca | tcccagat | | | | 748 |

<210> 3937
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| <400> 3937 | | | | | | |
| agngnnntnn | nctttgaatn | tnatgctggc | tacttgttct | ttttgcaggt | ngcccatcga | 60 |
| ttcgaattcg | gcacgaggta | agatcctgcc | tcaaaaaaaaa | aagtttatgt | tctcaaagtg | 120 |
| ctcataatct | agtggtagta | cagtatttga | gatattagag | cagtttctcc | tccttttgca | 180 |
| actaaggaca | tgtatcctta | aagcagaagg | aatggcagag | tcgtgtaata | aaccctcaag | 240 |
| taccattact | tagcttcaac | aactatcgac | actctactgt | tcttgtttca | tttatgcctc | 300 |
| acctccttcc | catccccccac | ttgaatatct | tcactccttt | tttacagttt | ttaagataac | 360 |
| aattacataa | ctgaaatgca | caaactcttag | ctgtacagtt | ttgacatatg | gatacacctg | 420 |
| tgtaaccaat | gactgtatca | caacatagag | catttcatct | ccccagcaag | atccatgtgt | 480 |
| cttttctctag | ttaatgcctc | tttatttctg | agatgggttat | tgctctgctt | ttgtttttca | 540 |
| tgtaggcta | gtcttgctg | ttctagaatt | tcatataact | gagaacatac | agnaagtgtac | 600 |
| tcactagtag | tgtctgactt | tttcacaaag | gataatgtct | ggcgggtattc | attcatgctg | 660 |
| ggngtatgca | tcagtagttn | attntctttt | tactattaag | tagtgttcta | aggactattt | 720 |
| taatagcatn | ccacaaangg | ggtntga | | | | 747 |

<210> 3938
 <211> 747
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3938
 agtntttcnc angannactn antgggctgc cctactcgtt ctttttgcag gnngcccatc 60
 nattcgaatt cggcacgagg tgtgggtcan tttcatcaag tactttacaa ggtaatagaa 120
 tatcacaagg caagtggagg cagggtgaga tcacgggacc agggcgaaat taaaattgct 180
 aaatgaagtt tcgggcacca ttgtcattga taacatctta tcaggagaca gggttttgag 240
 atcaaccagt ctgacccaaa tttattaggc gggaatttcc tcttcctaata aagcctggga 300
 gcgctatggg agactggggg ctatttcacc cctgcagttt cgacagtaag agacggccac 360
 gcccaggggg ccagttaaga gacccacccc caggtgcgca ttctctttct cagggatggt 420
 ccttgctgag aaaaagaatt cagtgatatt tctccattt gcttttgaaa gaagagaaat 480
 atggctctgt tccgcccggc tcaccggcgg ccagagttaa aggntatctc tcttattccc 540
 tgacaatcgc tggtatcctg ntttttcaag gtgccacat ttcattattgc tcaaacacac 600
 atgctgtaca atttgtgcag ttaatacagt tattacaggg tcctgaggtg acatacatcc 660
 tcctcagctg acaggattaa gagattnaag taagtaaaga caggcatagg aaatcacaag 720
 ggtattgact gggggaagtg ataantn 747

<210> 3939
 <211> 810
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3939
 agncnttnc canntnnact nctntggctg cncatactcg tcctcgcccn annangacag 60
 ggcnnngcga atncggcacn cagaggcagg tgngtttttt aaaaggtnaa cacaccngtt 120
 atgccttcnn gtacgggcat gcgagccaga agantntgca nctgcnnnga gagatgaagc 180
 naaactntgc aacattcaac tgcattaaan aaaaatgatg ccnanagggc ctttgagcaa 240
 gaaatgnngg nngatnaang acacccgngg ccngaactct gcgcgggaca tnnnggttat 300
 ggctctgtna gctcntaactn ctgcagntga ccagacnnc tannggcngg actaggggat 360
 gangcggctc actgtgggcn ntncgtgaga ccncaggnc nncatgatga ctgnaaacag 420
 antcccanan actctactgg atcctccctt ttccttgcta acacatgaaa ctgatccagg 480
 atacacagcg caanaagnat ctgaatggca gtgaattctc ttnaacataa cccgcnatgg 540
 cnatnggggc ttcantggaa tagangggta caggtcaacn ggggttgacc ctgcggnttn 600
 gnnngnncan cggcntnttg agncanaaat acncgtaang ccaantttac agccatgaan 660
 caaggatccc ccnttngggn tttggggatc atcacggnat tgntgttggt ggcantaacg 720
 ctgaaatgga aaagggaacc ttgccctta natgaccctt tggggaaanc ccctnaaaan 780
 ggaatcgtaa aagnccaanc nccaangtcg 810

<210> 3940
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3940
 agagnnnnnn ntnttgactc ctaatggctg ggctactngt tctttntnca ngtngccag 60
 cgantcgaat tcggcacgag ataacttcta aggaaacaaa ccaccctcac atgcactatc 120
 tcatttgat ttctgtcaat tctgaaaggc cagcatttgg ccagtattat ttgaatctgt 180
 attgtatttt ttaaccagaa gaatgaaggc ttatagcttc attccttttg aagaggaggc 240
 tggagaccac aggttaaagt caggtgcacg gctcttggcc ggccctggaa gggtccttc 300
 tccctccttt tacactcgca gacaagcttg tggatgctca ataaggacag ctgccgtttg 360
 gacagagatt aatcatttat ttgtgaaggc tttttctgcc ttgctttctt gttctttttt 420
 aaatcttcac attgttttga tcccaaatg tttgtgttgt ccttactcaa aactaggaaa 480
 aacaattatg tggtaagagg ctgagagcca cttacttaaa tctcactaga tttatttgtg 540
 agaacatctg ttttctgata tttagacact tncctctcca ttgctgtttc ctatgactca 600
 tgcacagtta tttgttcagg tttcatggga atttcccaag tgtatttacc tttgtttggg 660
 tttttaaaaa tgtaaattat attggcccaa taaatgagta tgtgttgtca nggggactgt 720
 ggctgggtca ttgcatgtgg aaggggaan 749

<210> 3941
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3941
 agngnnnnnn ttttgnntct aatgcttggc tacttgttct ttttncangt tcccatcgat 60
 tcgaattcgg cagcaggggc catgtacctc ccggacaccc tctctccacc gaccagctca 120
 agtccacact gcagaccctc ccagagattg tggcaaagga agcacagggt aaagtggccg 180
 aggtggaggc cgagcagggt gacaacaagg ccaagctgga ggccacgctg caggaggagg 240
 cggccatcca gcaggagcac cgtgagaagg agctgcagaa gcgctcgag gtggcgaagg 300
 attttgagcc cgaacgtgtg gtagctgctc cccaaaggcc ggggaccgag ccacagccag 360
 aaatgcctga cacagtctg cagtcagaga ccttgaagga cactgccccg gtgctggagg 420
 gcttgaagga ggaagagatc acgaaggagg aaatcgacat cctcagcgat gcctgctcta 480
 agctgcagga gcagaagaag tcaactacca aggagaagga ggagctggac tgctgaagga 540
 ggatgtgcag gactacagcg aggacttgca gggagatcaa gaagggaact ttcaaagact 600
 gcaaatgacg gggcagatcg atgctttgat ctccactgga gatggccaca gcttgcagct 660
 ggcccggcaa cggatgcctt 720
 740

<210> 3942
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3942

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| aggtnntnnnt | tttgacccta | atggetgggt | actngttctt | tntncagggt | gcccagcgan | 60 |
| tcgtttttacc | ctcctataat | gcattttctt | tggatattct | cctagattct | cagggatatt | 120 |
| tccatattttt | actattcatg | agtttagaag | agtgtttact | ttcctgagtt | ttcatttcct | 180 |
| tctttttctt | ctgtcatagg | taattttacag | agcaaatagc | caccagagag | gataaccgtaa | 240 |
| gggatgtgga | aaatgagttc | ctttgcgctt | atccagttag | gttgattttc | agtcaatgag | 300 |
| cattcagtat | atgcctggga | ctctggcttt | attttttagc | tttgtgatgc | caaaccctac | 360 |
| aatgaacttc | tctgtatatt | tgattcatca | tgaaatgggt | acactgaggg | tggctgattt | 420 |
| ccagggtttac | atcagttgcc | ccaggggaag | tgcttggtcc | ttgtctgggt | gttgctgctc | 480 |
| taactttgcc | ctgttaattg | aagaaatgog | gctgtaaaca | cttctggggg | gttgctggta | 540 |
| ttttctgtcc | tcacagttta | cagagaaacc | catattttca | gcctcttcct | ctgctttctg | 600 |
| tcttttctgg | aaccatcttc | accgacctgg | tgtaatcttc | attgngtgtg | gantntgcac | 660 |
| agatgtaaca | tctnctcaaa | gcctantgoc | caccttccaa | cttcacgaaa | atctggagct | 720 |
| caggaccacc | attctttcca | aacctt | | | | 746 |

<210> 3943

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3943

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| agtnnnnnnn | tnttgactct | aatgctgggt | acttgttctt | tttgcaggat | cccatcgatt | 60 |
| cgaattcggc | acgaggggca | ggctttgaga | ggatcgactg | caattttgaa | agaagttgta | 120 |
| ccgtgagtaa | aatgcatca | aacagcattg | catgcttcag | agaaatcttt | cttcacaaaa | 180 |
| ggaacaattg | gtgcagcaaa | attaattttc | ttatttttaag | aaattgtcag | ccgggtgtga | 240 |
| gccaccatgc | ccggccgaca | taggctattt | tttaaaatgc | aagctcttct | gaaccatata | 300 |
| atatgatgtt | ttaaaatata | gactctgaag | acaaagacct | gggctcagaa | tcaggcccca | 360 |
| ccacttattt | tcaatggaat | cttgtctgaa | tcttgtaatc | ttccaagcc | tcagtttttt | 420 |
| catctgtata | atagggataa | aaataatagt | aaacaaataa | atgtatttct | tttgaatatc | 480 |
| tagtagtatt | ttaaaaatca | gataactaga | attatataac | tctatgtgct | ttatttttta | 540 |
| cttgtttgct | gggaatcaaa | gagcttagtt | ttgttttttg | ntntttgntt | ttttttgaga | 600 |
| ccggagtctc | gctctgtcac | tgactacag | cctgggtgat | agaatgatac | tctgtctcaa | 660 |
| aaaaaaaaaa | aaaggaaaaa | ggatgaaatc | acacttggag | caaaaaaccc | aangcatatt | 720 |
| taaagatttg | ngtattgggt | taa | | | | 743 |

<210> 3944

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3944

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| agtnnttnnn | natnggaaac | cnttatgggt | nggcctactn | gttctttttg | caggagccca | 60 |
| tcgattcgaa | ttcggcgca | gattgcncat | tgnttttatc | tgtaagttgt | ctttatcagt | 120 |
| ggttctcaaa | gtgtggtccc | ctgctagtag | agtntcagcc | tcacattgga | actgggttaga | 180 |
| aatgcagact | tctcaggatc | cacctaattg | cagnagttaa | ttttaacaag | cccttcgggtg | 240 |
| atcctgaaac | atgttacagt | ttgagaaaca | ctgctataat | acgtgtcatt | tnaaattgnt | 300 |
| tcagggttgtg | ggggtaggga | ataagactac | caattttattc | atcttctgtg | caatattacc | 360 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgtttaccta | actcttagag | atattaanan | attttgaaga | atgtgtccca | tgagattata | 420 |
| atggaactga | caaattccta | tngcttagtg | atntcatagc | tgncatgaag | ncttantgct | 480 |
| gtaccttact | catgtgtntg | nggtggngat | ngtgtacaca | aatcttctgc | actgccagtc | 540 |
| gnctgaaagt | atagcacatg | gccgggcgcg | gtggntcacg | cctataatcc | caacactttg | 600 |
| ngaggcttga | tgcaggcaga | tcacaaggtc | aggnanattg | agaccatnct | ggctaacacc | 660 |
| ggggaaaccc | tgtctcttct | anaaatncca | aaattagctn | ngtgtggtgg | cncacgtttt | 720 |
| gtaatcctgg | ctacttggan | gctgaagcac | caga | | | 754 |

<210> 3945

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3945

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| agtnnttnt | nnatnaactn | nttgctggct | acttgttctt | tttgcangat | cccatcgatt | 60 |
| cgtctcaccg | tgatcaagtt | gaggggnttn | cggctccctt | ctacagcctc | agaaaccaga | 120 |
| ctcgttcttc | tggaaccct | gccactccc | aggaccaaga | ttggcctgag | gctgcactaa | 180 |
| aattcactta | gggtcgagca | tnctgtttgc | tgataaatat | taaggagaat | tcattgactct | 240 |
| tgacagcttt | tctctcttca | ctccccaagt | caaggggagg | ggtggcaggg | gtctgtttcc | 300 |
| tggaagtcag | gctcatctgg | cctgttgcca | tgggggtggg | acagtgtgca | cagtgtgggg | 360 |
| gcaggggagg | gctaagcagg | cctgggtttg | agggctgntc | cggagaccgt | cactncaggt | 420 |
| gcattctgga | agcattanac | cccaggatgg | agcgaccaac | atgtcatcca | tgtggaatct | 480 |
| tggtggcttt | gaggacattc | tggaaaatgc | cactgaccag | tgtgaacaaa | agggatgtgt | 540 |
| tatggggctg | gaagtgtgat | taggtangag | ggaaactgtt | ggaccgactt | ctggcccttg | 600 |
| ctcaacactg | acccctctga | atggtnggag | gcagtgcctc | agtgcacaaa | aatcccacca | 660 |
| ttantggatc | ggnnctatg | aaaaagaagc | ctggaaaaag | tattggggcc | aatgtgttaa | 720 |
| gngnggaatc | ancacattcn | tactgnnat | | | | 749 |

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3946

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| agnnnnnnt | tnntctttg | ngcctaattg | ttggctactt | gttctttttg | caggnaccca | 60 |
| tcgattcgaa | ttcggcacga | ggacttgatt | tggtaatgaa | aggacaaata | gctttcataa | 120 |
| catgaacata | caaaaataga | tgttttgctg | ttgttcagtt | ttctcaagac | ttactgtttt | 180 |
| aagcttgtaa | aattaatgaa | cagtaaaaata | gcagaaaata | gtgatacatt | ggatgatttt | 240 |
| aatagtttta | ttagttagat | atttgaggta | ttcgaattac | tacaattctt | tccaatccta | 300 |
| caagttaaaa | attttggtat | ggttgctgac | ttttaaatgc | tgtttattct | ctgaaggcag | 360 |
| ttttatgatg | catttagaaa | aaaggtaaga | gagatgtagg | cattatactg | gttcatcttt | 420 |
| tacctaatgc | atgaccagta | tactagagga | agttgtgatg | gaccagagtc | tttttgtttt | 480 |
| gtaatcaa | gaatagttcc | ttcataacca | ggacagctag | tgtgtgcttg | agaatgtctc | 540 |
| cctcactata | tgatctggga | tattctgcat | taaaaggact | cccttcccag | tattggggaga | 600 |
| aagagagatn | aattgacaca | tttttactct | gactccttca | tttatctttc | cacataccag | 660 |
| gatcattttg | gnctttttaa | atgtccaagg | ttccaataag | tttaaatggt | attagtggnc | 720 |

ttctacattt gatcagtaat gnagatggc

749

<210> 3947
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (741)
<223> n = A,T,C or G

<400> 3947
agagnnnnnn ttttgactcn tantggctgg ctactngttc tttntncang nngcccagcg 60
gttcgaattc ggcacgaggt ccatctttgt agctgacatg acacatttta aaaatttcac 120
attaaaaatga aggcatactaa tggctccatt atgtctttta gagggtctcg gccagctaa 180
ttgcatattg aaatacatta gatttgatcat aaattacttt cctttattgt cttttctgtc 240
aatcttagga cattaaatgt atatgtttga aattgtgttt aggtnggta tctgagcatt 300
tggttcatat agtaaagaga gtgttataag ttcactgtaa gcccagggg ctttgggact 360
natnnggttt anaacattgc actaggggaa atgaattgtt aagnnatgnn acttctctan 420
actaatgant catctgantt aatacttttc atgtgaagca tttttaaaga aagcaaacca 480
gcctggtgcg gtggntcaca cctgtnatcc cagcactnng ggaggcagan gcnggctgga 540
tcacgangnc aaganattga gacctnctgn ccaacatggt gaaaccctgg ctctactaaa 600
aatacaaaaa ttagctgggc atantggtac ntgcctgtag tcccagcttc ttggggangca 660
nagcaggaga attgctttga cccgggaatg gaggttcant gacccaaate gcgccactgg 720
ctctacctgc acaaatgaga t 741

<210> 3948
<211> 847
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (847)
<223> n = A,T,C or G

<400> 3948
cnntttaatt ccatcagctc ttgttctttt tgcaggatcc ctcgattcga attcggcagc 60
aggggtgctt ctgtatatcc tgacaacagt ggccagccat taaagagttt tgagtagggg 120
aactggattt gtggttttag aaagatcatt tggtctctgt gtgaaagagg ccaaaaccag 180
gagcagaaag accagttagg aagctgtgac agcagttgag agacgatgtt gtcaaagtct 240
gcagcagaac agaacagggg tgacccca tggacatcat ctctgctctt cagtcacctg 300
tagtgagag ttttgaagta ggtctgagca tggaaccctg agtgggtggg aaggaaatgc 360
catttgcccta tgggggtgatt aagatctttt tttttttcct caggcggagt ctgctctgt 420
ccccaggct ggagtgcctg gacgtgatat cagctcactg cagcctccgc ctccctgggt 480
caagcaattc tctgacctca ncctcccaag tagctgggat tacaggcgcc caccaccagc 540
cctggctaatt ttttgtattt ttaanngnnn annnnnnnnn nncctntntn ntentnnnnn 600
nnnnnnntn nnnnnntnn tntttnttn nnnnnnnntn nnnnnntnn nntnnntnn 660
nnnnnnnnnn nnnnnntnn nnnnnnnnn nntnannnnn nnnnnnnnn nnnnnntnn 720
nnntnnnnnn nnnnnnnnn ntntnnnnnn nnnnnnnnn tnnnnnnnnn nnnnnnnna 780
nnnnnnnnnn nnnnnnnnn annnnnnnnn nntnnnnnnn tnnnnnnnt nnnnnnnnn 840
ntnntcn 847

<210> 3949
<211> 743

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 3949
agagnnnnnn nnntnttna ccnctaata gcttggctac ttgttctttt tgcaggnacc 60
catgcgattc gaattcggca cgagcccacc ttctctctct cattgtctga ttgaaagcac 120
caggtctccc acattgcttt catctttgtg ctgtttgttg tccctttcca tatctgtatt 180
tatgctacct gttagggtc ttgccgaagc aggggtggga acaagaacca cagatatact 240
tctgtggttt gtgaagcatt gtgtggaggg ctgtgtacac agagtacctg gggcagttgt 300
cacagccact ctgtgtggtg gctgctactg tgcccattct agaaatgaga aggctgaagg 360
acccacccag ggccacacag ccagtatacc caaaagtcac acatttgtag tctgttgctg 420
tctcctgtcc tatagtacca cgcactaggg ctctgtcca tgtgcgtaag aatgaccgcc 480
tanccgtcaa taagatgac agcaaggcca caccgcatgg cttaagtctc cttttgecta 540
ctgcatgatg atccccgggtg gccagcaagc agctggaaga ggaggatggc aggtaacggc 600
tctcatctcc caccactaga tgatgcctna ctcatcctac catgctgggc caccccaacg 660
ttttcttgcc acctatggtc ttttgtancc cgtgacagcc actgtttgac ttcacgana 720
cttnttgccg aacaagcacg aaa 743

<210> 3950
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 3950
agtnntnnnn tntgaagcct ctaangcttg gctacttggt ctttttncag gacccatgcg 60
attcgaattc ggcacgaggg cagatgttct tggagttcta ccagaagaag aagtctcgct 120
ggccattctc agacgagtg atcccatggg aagtgtggac ggtcaagggtg catgtggtag 180
ccctggccac ggagcaggag cggcagatct gccgggagaa ggtgggtgag aaactctgct 240
agaagatcat caacatcgtg gaggtgatga atcggcatga gtacttgccc aagatgcccc 300
cacagtcgga ggtggataac gcgtttgaca caggcttgcg ggacgtgcag ccctacctgt 360
acaagatctc cttccagatc actgatgccc tgggcacctc agtcaccacc accatgcgca 420
ggctcatcaa agacaccctt gccctctgag cgtcgctgga tctctgggag ctcttgatg 480
gtcccagac cttggctttt gggaattgca cttttgggccc tttgggctct ggaacctgct 540
ctgggtcatt ggtgagactt ggaaggggca gccccgctg gcttcttggt tttgtggttg 600
ccacctcagg tcatcctttt aatctttgct gacngttcaa tcttgctct actgtctctt 660
cataccctgg tgggggtccc ccttntttct ccatggacag aanaccacca ctggggatgg 720
ggaattaaag ttganaacat 740

<210> 3951
<211> 744
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(744)

<223> n = A,T,C or G

<400> 3951

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| gagnnnnnnnt | ntnttgttnc | taatggcttg | gctntngttc | ttntntncagg | ctcccatgcg | 60 |
| nttcgttcaa | tagcatgtta | agtagatatt | atctgacaga | cctacaagtc | tcacttatcc | 120 |
| gngacatcag | acgaagaggg | aaaaataaag | ttgctgcgca | gaactgtcgt | aaacgcaa | 180 |
| tggacataat | tttgaattta | gaagatgatg | tatgtaactt | gcaagcaaag | aaggaaactc | 240 |
| ttaagagaga | gcangcacia | tgtaacaaag | ctattaacat | aatgaaacag | aaactgcatg | 300 |
| acctttatca | tgatatttnt | agtagattaa | gagatgacca | aggtaggcca | gtcaatccca | 360 |
| accactatgc | tctccagtgt | acccatgatg | gaagtatctt | gatagtaccc | aaagaactgg | 420 |
| tggcctcagg | ccacaaaaag | gaaacccaaa | agggaaagag | aaagtggaga | gaaactgaag | 480 |
| atggactcta | ttatgtgcag | tagtaatggt | canaaactga | ttattcggtg | cagaaaccat | 540 |
| tgaaactgct | tcaagaattg | tatctntaaa | ttctgctact | tgaataactc | agttaacgct | 600 |
| gttttgaact | tacatggaca | aatgtntagg | acttcaagat | cacacttggt | ggcaatctgg | 660 |
| gggagccaca | ctttcatgaa | ntgcattgna | tacaaaattc | anagttatgt | cccangaata | 720 |
| ggtttaccat | gaaaccccat | ttnnc | | | | 744 |

<210> 3952

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3952

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| agagnnnnnn | ntntntttgt | ctnccctaant | ngntgggcta | ctngttcttt | ntncaggnat | 60 |
| gccccatgca | ttcgaattcg | gcacgaggct | cattccagct | ggtctatcgt | gggcctcaca | 120 |
| aggtgaagag | ggaccgcatt | ctggggccca | cgatngacca | cctgtagctn | attccatcct | 180 |
| gnaccttgna | tgaggggtag | cctcccactg | catcccatnc | tgaatatnct | ttgcaactcc | 240 |
| ccangantgc | tnatttaagt | gttnatactt | ttnagagaa | tgcgacnatin | caattgtgag | 300 |
| atctccnct | gccccattgcc | tgntngnagg | gcacctctnc | tccaccnnna | tggannggg | 360 |
| ngcagctnaa | nggccctnan | acgganctgn | tttcatnaag | atnacattac | acngagnnga | 420 |
| gctaactggc | ctgnatngaa | angntnntta | tgancnaagn | nacaancttt | ttaanngttc | 480 |
| ctganannac | ttgngncnct | agaacaatag | antgtccaat | tacaaagatc | cncacntgat | 540 |
| gcnatacntt | gatgagcttg | actacaccnc | ngctttaatg | caannncaaa | aantgccctn | 600 |
| tttngnaaat | nnnacataca | tncgtttttan | gantaaccat | ncanaaagtt | gnattanacc | 660 |
| angttgaacn | ccncaatggn | ccttcaattt | taannggcta | ggntnngctg | anggttnangg | 720 |
| accgcccnn | nttgtttgct | cggccnggna | atgggattgg | ccct | | 764 |

<210> 3953

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3953

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agagnnnnnn | tttttttntc | nactaatgct | tggctactng | ttctttctnc | aggntcccag | 60 |
| cgattcgaat | tcggcacgag | gtgatgctgg | tgatcaatgg | actggaagcc | aacagcagag | 120 |
| acttagaccc | aagaaggag | cttgaggtac | aagaaaactt | cagggtagac | aggaaggagg | 180 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cgtggtgaaa | gtgatgaaag | gggagagtag | aagggtggtc | cagggtcaga | cagggagtta | 240 |
| gatttaaatcc | ttcagggcac | tttcattaca | tcatagctgc | cattttgtct | tttatctgac | 300 |
| tcaataataa | gtcagtaata | agtaatgttt | taattaaagg | taaatgcttg | gcaggtaggt | 360 |
| taaacttcat | tgagtcccaa | tctgtcata | attattgtgt | atacctttct | cagctttttg | 420 |
| tctacttgaa | atatatttct | tcttcctttg | agcagccaaa | atggaagtgt | tggatgtgtt | 480 |
| ggctctgttg | gtaggctcct | gttggatgcc | tgttgtcact | cataaatgta | acaccacaac | 540 |
| cataattgat | ggcanagtgt | agttgcaagc | ttttaggact | aattgcaaag | tctaaactaa | 600 |
| aacatttcct | gganctgcct | ttaaataata | ataataatac | cttgtataga | tacagtgttt | 660 |
| tacaatttac | agagcacttc | cacatacatc | atctcattta | atcttcacaa | ttaacaatgc | 720 |
| nttttgaatg | cttagatatt | tcctangg | | | | 748 |

<210> 3954

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3954

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| agagnnnnnn | tttttttntc | nactaatgct | tggtactng | ttctttctnc | aggntccag | 60 |
| cgattcgaat | tcggcacgag | gtgatgctgg | tgatcaatgg | actggaagcc | aacagcagag | 120 |
| acttagaccc | aagaaggag | cttgaggtag | aagaaaactt | cagggtagac | aggaaggagg | 180 |
| cgtggtgaaa | gtgatgaaag | gggagagtag | aagggtggtc | cagggtcaga | cagggagtta | 240 |
| gatttaaatcc | ttcagggcac | tttcattaca | tcatagctgc | cattttgtct | tttatctgac | 300 |
| tcaataataa | gtcagtaata | agtaatgttt | taattaaagg | taaatgcttg | gcaggtaggt | 360 |
| taaacttcat | tgagtcccaa | tctgtcata | attattgtgt | atacctttct | cagctttttg | 420 |
| tctacttgaa | atatatttct | tcttcctttg | agcagccaaa | atggaagtgt | tggatgtgtt | 480 |
| ggctctgttg | gtaggctcct | gttggatgcc | tgttgtcact | cataaatgta | acaccacaac | 540 |
| cataattgat | ggcanagtgt | agttgcaagc | ttttaggact | aattgcaaag | tctaaactaa | 600 |
| aacatttcct | gganctgcct | ttaaataata | ataataatac | cttgtataga | tacagtgttt | 660 |
| tacaatttac | agagcacttc | cacatacatc | atctcattta | atcttcacaa | ttaacaatgc | 720 |
| nttttgaatg | cttagatatt | tcctangg | | | | 748 |

<210> 3955

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3955

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| agagnnnnnn | nttgtnnct | acttnatgct | tggtcttctg | tctttttgca | ggctcccatc | 60 |
| gattcgaatt | cggcacgagc | gcataaggaa | agctggaaaa | taacctataa | ataatggcaa | 120 |
| aaaaaaagca | aacaatagga | agaggaacta | tataaaaagg | acatttggag | catagaagag | 180 |
| agttcatgga | aatgtaaaaa | atgatggtac | cctgggtttg | atatagtaag | taaaaacta | 240 |
| agggtgaagag | ggcatgaaa | gcactctana | ntagggaggga | aagccagtca | aattcacagg | 300 |
| atgaagtcag | gaagataata | gagcantgcc | cgcangatcc | tgagggaag | caagttccaa | 360 |
| tctataagtc | tgtaaccctc | acacctgatg | gccccttgaa | catattcagg | gcttcaaaaag | 420 |
| attgatctgt | catgcaccgt | ctgccatgat | actgtgtgag | gatgtgttct | tcttcttaaa | 480 |
| cattaaatca | agaaagaatc | atcagtggac | ccagtnaata | ncanatcagc | ctaggataag | 540 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| atgccctaga | agatgggtgaa | nggaagtctc | agaactactg | ttcttcanca | ggcagcnaaa | 600 |
| acacctgac | catattggag | tggtgggatg | cgagcttcag | gaagggatgc | cacaagggna | 660 |
| aagtggaang | gatgatgact | gtcttcaaga | agttacaggt | ctttaagaat | ttacatccaa | 720 |
| cattactttt | gcttcgaagc | cccggctga | | | | 749 |

<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3956

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| agagnnnnnn | nttgttnnct | acttnatgct | tggtctctgt | tctttttgca | ggctcccatc | 60 |
| gattcgaatt | cggcacgagc | gcataaggaa | agctggaaaa | taacctataa | ataatggcaa | 120 |
| aaaaaaagca | aacaatagga | agaggaacta | tataaaagga | acatttggag | catagaagag | 180 |
| agttcatgga | aatgtaaaaa | atgatgggtac | cctgggtttg | atataagtaag | taaaaaacta | 240 |
| agggtgaagag | gggtcatgaaa | gcatctanaa | ntaggagggga | aagccagtca | aattcacagg | 300 |
| atgaagtcag | gaagataata | gagcantgcc | cgcangatcc | tgaggggaaag | caagttccaa | 360 |
| tctataagtc | tgtaaccctc | acacctgatg | gccccttgaa | catattcagg | gcttcaaaaag | 420 |
| attgatctgt | catgcaccgt | ctgccatgat | actgtgtgag | gatgtgttct | tcttcttaaa | 480 |
| cattaaatca | agaaagaatc | atcagtggac | ccagtnaata | ncanatcagc | ctaggataag | 540 |
| atgccctaga | agatgggtgaa | nggaagtctc | agaactactg | ttcttcanca | ggcagcnaaa | 600 |
| acacctgac | catattggag | tggtgggatg | cgagcttcag | gaagggatgc | cacaagggna | 660 |
| aagtggaang | gatgatgact | gtcttcaaga | agttacaggt | ctttaagaat | ttacatccaa | 720 |
| cattactttt | gcttcgaagc | cccggctga | | | | 749 |

<210> 3957

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3957

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| agtgtnnnnnt | tttaatccct | actaatggct | tggtctacttg | ttctttttg | aggnacccat | 60 |
| cgattcgaat | tcggcacgag | aagagaccat | catctcatca | aagagagtta | aaagtaggga | 120 |
| tggtctctgc | aaggcctctt | ctgatatgat | taattgattg | taaattaagt | aatcaaggca | 180 |
| tactttgttg | atttgtcata | tctgggtaaa | aggtttatgg | tttatttaat | aaatgaaact | 240 |
| gcaaaatcag | ttttctacat | ttctgttata | tttttgtaa | agcacttaaa | agaatttctg | 300 |
| ctctgtccag | gggcaagatt | cttgccaaga | gaattaatgt | gcgtattgag | cacattaagc | 360 |
| actctaagag | cagagatagc | ttcctgaaac | gtgtgaagga | aaatgatcag | aaaaagaaag | 420 |
| aagccaaaga | gaaaggtacc | tggtttcaac | taaagcgcca | ggtaagaatt | tggtgtatat | 480 |
| ttcattgggt | ctgagagcac | tttaagggtg | agatttaaca | catcacataa | ttattntatt | 540 |
| cccttttttt | ttcctttaat | agcctgctcc | acccagagaa | gcacactttg | tgagaaccaa | 600 |
| tggtgaaggag | cctgagctgc | tggaacctat | tccctatgaa | ttcatggcat | aataaggtgt | 660 |
| taaaaaaaaa | aaataaaggg | acctctgggc | tacaaaaaaaa | aaaaaaaaaa | actngagcct | 720 |
| ntagactntg | tgagtcgttt | acgtanaacc | | | | 750 |

<210> 3958

<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 3958
agngnnnnnt tgatccttnc taatgcttgg ctcttgttct ttttgcagga cccacgatcc 60
gaattcggca cgaggtaatt tgtaaattct gtggtacttt tcaaagtgt atcatttact 120
gagtctgatt atcacacggc ctggcatata ataagtactc tataagtatt ggctgatttc 180
taataggtct gaaaatttat cctttagaat tttttcttca gttggttttag cgagtttccc 240
tttgatgttg aaaatgtttt tttttaaaaa tctaacctag accatcccaa atcatgaatt 300
actgttgtgt gaaacagtga gactactgtt tttatgccac aggtttataa ttatgcaaatt 360
aaatactaca tctttgcatt catttttggt ttacttaccg aattttcatt ccaggaatgt 420
ctgaatctga acaggctctt aaagggtactt ctcagattaa attactctca tctgaagata 480
tagaagggat ggcacttgta tgtaggcttg ctagagaagt tttggatgtt gctgccggca 540
tgattaacca ggtgtaacta ctgaagaaat agatcacgct gtacacttag catgtattgc 600
aagaaattgc tacccttctc ccttgaatta ttataatttc ccaaagtctt gttgtcctca 660
gaccttattg cttttaaata taataatgnt ttcattactt ttattatttg gaatgattta 720
gtaaaagttg actgaatctg gtt 743

<210> 3959
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 3959
agagnnntcn tttaatctna ntgnaactctt atggcttggg tactcgttnt tnnnnaggca 60
gcccatgn gn ttccaatncg gcacgagggc aaatgcactt ttgtgtatcc naagngaaaa 120
gangagaggn ctcgatgac catgcttagt taanggggag ggtgacctt natatgcaag 180
tngggaaatn caganaaagt gaaaggggnc canaatgaaa acacatgaaa taagataagc 240
aganatgaaa ngnggcnccta gaactgtaag aagcatttga acaggcanaa cagtgtctgga 300
gacttttagga gagggctcaa gctgccatgt ggccggctct caaatagtcc tagaatgact 360
agcatatctt ttacaaaaac tatnagcaac ttgagggcaa aaataaagtn tatttatctt 420
gcatccngaa naataaacnt ggtgctnggc attnggtagg tnnnctttat gngtatatat 480
gaaaagcata ttttcatttt attagaacat tgtggtaaaa attctattga aaaccatgct 540
ntaatgtaga tagctcnact tanttcggan gttccaaact ttttngttca agtncccat 600
tatgctccta aaattgggtc gccagtctaa aatacttant tnatgtnggt natgtctatc 660
gatattttacc atttnagaaa ttaaaactga nagatttgaa accattnttt naaaccctta 720
catgntaaca taaaacgtat ttt 743

<210> 3960
<211> 726
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 3960

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| cttatcttct | aatggcttgg | ctactngttc | tttttncagg | atcccatgcg | attcgaattc | 60 |
| ggcacgaggt | gaccaccact | ccattcttgt | ctcctgtgtt | ctcggttcag | accacccaca | 120 |
| aaggcagctt | caaagccaaa | tcctcaggaa | gggggatctg | cccgggctag | ctagtcacgt | 180 |
| gtcaggcaca | gtcagctctg | ttgaggggtg | tgcagtgagg | gctcagttag | gccacagagc | 240 |
| tcagatgtgg | ctatgaagac | tcctgggttg | tgggggatgg | cagttctcac | agatgagagg | 300 |
| tatggatggg | ctgggtgcaa | tgactcacgc | ctatgatccc | agccctttgg | gaggccaagg | 360 |
| tgggcagatc | acttgaagtc | aggagtctga | gaccagcctg | gccaacatgg | tgaaacccta | 420 |
| tctctaccaa | aatacaaaaa | aattangtgc | ccatggtggg | gggtgcctat | attcccagct | 480 |
| cccaggagac | tgagcangag | aattgctcaa | accaggagc | ttgaggttgc | agtgagtcaa | 540 |
| natcacacca | ctgcnctnca | cttgagcgac | agaataagac | tctgngttaa | caaaannaaa | 600 |
| aaaaaaaaact | cgagcctcta | naactatagt | gagtcgtatt | acgtanatcc | agacatgata | 660 |
| agatncttgg | tganttttga | caaaccacac | tagaatgcan | tgaaaaaat | gcttttatatt | 720 |
| gggaaa | | | | | | 726 |

<210> 3961

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 3961

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| agngnnnnnn | nnttntctta | tntacttaat | gcttggctac | ttgttctttt | tgcaggctcc | 60 |
| catcgattcg | aattcggcac | gagctgagtc | tccttataga | tgaggcagca | gaggcctttt | 120 |
| acaaatacct | ctcttgttcc | agttacacaa | gtcataat | actgagcacg | atggtaaaat | 180 |
| cctttaaaaa | tgtagtataa | agaacagagt | atgcatatgc | aaaggaggag | attggggaaa | 240 |
| gcaaattaga | agtctatgca | ttctgtagac | agtgaagct | gggtcaagca | gaatgaataa | 300 |
| gaaagtaatt | taaaaagaag | gcatcactta | ttgactaagg | tcaaacagga | ggaatacaca | 360 |
| taaaaaccag | aaactaactt | caagcagaat | gaataagaaa | gtaatttaaa | aagaaggcat | 420 |
| cacttattga | ctaagggtcaa | acaggaggaa | tacacataaa | aaccagaaac | taacagcaat | 480 |
| tatgatgata | atattccaaa | aaaaatcttg | agtgaagaag | aagaagaaga | agagtaatat | 540 |
| caaacccttg | tgataataag | tgccagggtg | gtagtatgtg | ctgctattaa | agtaaattgga | 600 |
| tgttcaatta | tttaatttat | aattctggnt | tcattggatag | tcctttaagg | gaagtgttat | 660 |
| tttgatgttc | atctttacat | gtgaagaacc | gggttaagaga | gattactgat | tctccanggt | 720 |
| cactcactga | tgggtggtgg | naattgg | | | | 747 |

<210> 3962

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3962

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agngttncn | tannaactcn | tgaaangctg | ggctacttgt | tcttntnca | ngnngcccat | 60 |
| gcgattcggg | aaccaggggc | tgacagaact | ttccctcccc | aatgaggacc | ccctctggac | 120 |

```

gccccctcccc atgggagaaca ccaggagcca cagaccccag accacagagc acacagggga 180
gggcacgggg cggecggggc aggggtgtctg ctgcctcggt tatgggattt gctccgcgtc 240
tagcacactg ctgcctgcag tgcctctgtc ccttgcaagt gctactctgg gcctacgggc 300
ctaactctgg ttggcatgaa aatgtcctga ggctactgtg acaaatttcc acaagctgag 360
tggcttaaag gaacacattt gttctcttac agttgcaggg gccanaagag tctaaaaaca 420
gtcagcaggg ctgggtcctc ctggagctta gaggggctga atccgtttcc tgcccttttt 480
agtatctgga gggcgccctg atccccttgc ttatggcccc ttccatcacc aaagccagta 540
gtgtcacatc tttcactctc cctgacctga ctncgccttt ctcttagaag gaccctgtgt 600
gactttggac tactagataa tttagggtca tctcttcatt tcaggaacct ggaatttaat 660
cccacctgca agtncctttt gccaggtaag gncacaaatt cacanggtct tgaagatgaa 720
agatgttggga ccctttttga gggncatgat 750

```

<210> 3963

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 3963

```

tnttcatctn gcnnttggnc ttntngcacg atccctcgat tcgaattcng cagcagacac 60
attcttccat ttgtcagtaa gagtaataat ttgactgttt tattggattt tagccttttt 120
gatttcatat agctgtatct taatatatca ttgttttttaa tatgtctaca ttgaataactt 180
attacttgtg caatgaaaaa taataattaa agatgaaagt taagcctgtt accactttca 240
gagaacaacg tgacgttttg gaatttaaaa ttttttcagt agatttgaga aaaacttggg 300
ttaaaatgaa gatttatgct cagaactgag attccagggt ttaagtctgg ttttaaagct 360
gtcttcaaga ttttaatgta ttttctgtgt gtataggatg ctctcatttc tgttttttaa 420
aatgaaaggg atcgctcctg taatcccagc actttgggaa ga 462

```

<210> 3964

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3964

```

ccccctttnt ataccntcc tntactnngn tctttttgca ggatcccatc gattcgcttt 60
gtcccaatat ttgtgacacc agtgtaatga cttgggttaag ttgggttgac cagggttcctc 120
cactggncag gttatacttt ttcattctgt aattaatgta tcgctatata ttttatatac 180
tttgaaaactg taaacatctt gtccctcatc aaccttcacc tactaatttt agcagtcatt 240
gctaattttt taaactccca ttctttctac atttagtagt tggcattcta ctataaggaa 300
gaattttccc tttttcctta tttgtgtata cttatttatt aatatttatt atttattaat 360
atatatgcaa gtatagacac ttgcattctt attgtattca gtggattatg atccattgct 420
attttctgtt tgggctaaat tgtcccatat tccatcagt ggaatgcctt caagttaact 480
attgtgtgcc tttgacatgt gcccaacatg gtgaaacca atctctactg aaaatacaga 540
aaaattacct tagcatggtg gtgtgtgcct gtaattccag ctactctgaa ngctgagtgg 600
ggagaatcac ttgagcctat aaggcanang ttgcaatgag ccnagantag cgctactacc 660
actncancct tgggtgacag cgtgagaacc tgtotcaaaa aataaaaaaa gaaaagagaa 720
aaaggaaaaa aaaaaaaaaa aaactcnacc ctctanaact ataggggagg cggtattacg 780

```

tagatccaga catgattaag anacattgat gagtttgggc naaccnct

828

<210> 3965

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3965

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| ttnattccat | cagctcttgt | tctttttgca | ggatccctcg | attcgaattc | ggcacgagat | 60 |
| agtaaattag | tcatagaaag | gcaaactcaa | ataactttga | acacagctct | ttgactatcc | 120 |
| acctgtgtgt | aaacaaacaa | aactacaaag | aaattttgta | cttcacttag | ttggtagtga | 180 |
| tctgggtatag | caattctgaa | aatattttct | gtgtattgta | ggattaaaca | aataagtaaa | 240 |
| tataatgata | ttcttgggag | ctgggatcct | cactatgaga | gaagaaagat | aaaaatatgg | 300 |
| agtgaaggaa | ggcaaagaag | agctccatga | attggaatga | gagattccac | agattactta | 360 |
| ttaattacaa | agataaaaaa | ggaaccttta | tagtggagaa | acttggaac | ttggtggata | 420 |
| acacaacttt | tcgttttttt | ggagacagag | tctcactccc | tcacccaggc | tggtctcaaa | 480 |
| ctcccgacct | caggcgatcc | acctcaaagt | gctgggatta | caggcatgag | ccctgcgcca | 540 |
| ggcctatttt | taaaaatcag | atctctcctt | tgctccaatg | tttttatcat | ggaaagagac | 600 |
| aaatcactca | tattttcttt | ttncagacaa | tactgctttc | tgtggtgtag | cccaaaagac | 660 |
| tcgtcttttn | catgttcagg | taattttattc | tttgggagag | cactgtaatc | atatatcaat | 720 |
| cgtatttttna | aagtgacttt | attattttaat | gtcaagaagt | nccttggttn | tgaaagtagt | 780 |
| tttttttaat | taaaccgcca | ncagatcnat | | | | 810 |

<210> 3966

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3966

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| ggnnnccctt | ttgaaacccc | ntaaagctac | ntgntctttt | tgcaggatcc | catcgattcg | 60 |
| gaagaaactc | ccatgaagtt | caaaggagca | gcagatatgc | aggggtgcac | tagaaatgaa | 120 |
| aatctgaccc | tttgtccctc | tccttttcat | ctctcttttg | tacaggcctt | ctttccttct | 180 |
| gtgcaaacag | acccttgtca | tagtcatagt | ccatcacgct | gttaaagtat | ttccagcact | 240 |
| gctctatgat | gtgctgtaat | ttcaggaggt | agtttatttt | ctacaacatg | ttgctctgta | 300 |
| gcacgtgtat | ttcactactg | agtggtagtt | ctaattggaca | tattcttaac | aaaatagtcc | 360 |
| cagcattaca | gaatactagg | ttagaatata | tacccaaata | aataaaatgt | tacagacaca | 420 |
| gtccaagctc | gttctctcct | gacttncttt | ctcccgctac | agaggaaaat | taccccgaaat | 480 |
| tggcacatct | cattcctatg | cactcttggt | aaaaataact | tatagtttgc | ttctgaattt | 540 |
| atagaaatgg | gcactataat | ccatatgtct | tttgaatctt | tatacatttg | atttggagaa | 600 |
| agtattttatg | tttgatgcca | tgtggcttta | ggncatttat | tttaattttg | gttatttttt | 660 |
| tgagatgaaa | gtctcggtct | ggcaccaggg | ctnggagtg | aaatgggcac | atgggaacct | 720 |
| ttgnccctcn | tgggggttcna | agcaanttct | gggtcttcata | cctgtaantc | ccancacctt | 780 |
| ttaaagaagg | cccnanggcg | nggggaaggg | atcaatttgn | gcccccttgg | aattttggag | 840 |
| gaccnagccc | tgggggct | | | | | 857 |

<210> 3967

<211> 814
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (814)
<223> n = A,T,C or G

<400> 3967
ttccatcaag ctcttgttct ttttgcagga tccctcgatt cgcttcagac ctgtgtttta 60
atttttagctc tgtgatctgg tagcttttga ccttgagtaa attgcctaatt gttactcagt 120
cttagtttcc tcatcagaaa agtggttaagg atgataaagt agttcataaa cattcattga 180
gcactaagta tttgcaagat actggaggta taaagatgaa taaaacactg ttcatgtctt 240
tgaagacttc ctagtcaagt ggtgaaatta aacataaaaa caggacattt taatattacg 300
tgcaaaagcac atagtgggca atgtgttggt ttgaagaagg atttttgagg aagtgggaagc 360
tgaactgcag tttgtagaat aagtaagagt ttagtcaggc aaagcagata gacaagggtca 420
ttttgggtgg agcgattaat ataggcaaag tcatgcaatc atgaaatagc atgatatgta 480
tgtgaaataa gagtactttt gcattgtagg ggcattaaac aggtgagcag tcaactggaga 540
tgagattgga atggtgggca gggcctaagt ccctgagctg caatgtcatt gaagctgagg 600
acattgagaa tttaaagaga tagagttagt ctgnngcctt tgctcataac tctcattttg 660
aaagactaat gtgtgacatn ccacatttta ggggtaggaa ggcntactgg aaggattaac 720
ccaaagttgg ntagaaactg ggagaaagan naacnccctc aaaaagttgc ttgagagcta 780
aattaattga atgtggcttg ggaaggatca attt 814

<210> 3968
<211> 825
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (825)
<223> n = A,T,C or G

<400> 3968
gattcccata caagctcttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
ggaaaagtaa agagatcaaa atgattttat atgtattttt tttgtactca gagaattaca 120
ttttcactac cccgcctgt ctcagggaat agcctttgat aagaatccca tggagatctc 180
tggaactcta ttacagtgtg ttcagatttg ttagttcata tgtaaatttc agagctagag 240
cttcaaaact agagtattgt aatctcagga acataagatt atccaagaag cctgaacctt 300
gctcttttca tgataaatga catccaaatt tcctttgtct aggagataag catagatccc 360
ttttatcatg cttctctgag attttcacag aacaaccctg caatttgatt ttgtttgata 420
attttgcttt ttggcttttc agtgaggact ctattttcca ttggaactga ctctttggg 480
gataataagc tttcacttaa aagaacattc cattagatag ttctaacttc aatgaacctc 540
aaagtggctt cttaatttga ataacttgga taacttttgc aaatgggtca aaacagcaca 600
agtattatac atcaaataaa aagttcatta caatatttgt actcataaag tcaaaatctg 660
accctgggtt gctttgtgcc tctgtcagcc tacttacagg ggataaaaagg tncacaccaa 720
gtccagtggg tgccaangga gctttggtta ttagaaaaga agcctgggtc cccctcagtt 780
ctatgccggg gggggggggc cggggtnggn ancatggccg ncatg 825

<210> 3969
<211> 877
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(877)
 <223> n = A,T,C or G

<400> 3969

| | | | | | | |
|-------------|-------------|-------------|--------------|------------|-------------|-----|
| ggncnttttaa | acctttgtac | aagcccttgt | nctttttgca | ggatccctcg | attcgaattc | 60 |
| ggcacgaggc | aacaaaagca | tacaagatct | tttttnagga | agtggaggag | ctgcagggac | 120 |
| cgaccgggag | ctttcccagt | aagcatcagt | tcanaaacia | atttaagtaa | agaaatggaa | 180 |
| tctgtaatga | aagatataaa | aaataccact | cagaagaaat | atagagacta | tagcaagacc | 240 |
| ccgggctcac | cagacaatga | ttttctcttt | atgtactctg | ttgctagaac | caatttagaa | 300 |
| cttgaattga | ttcatcgagg | aggcaatttg | tggttcagggtg | gtgcaagcac | agctggcaaa | 360 |
| aggtcttgtt | taaatcagct | gtttcatgta | ttagccttgc | acatgcggct | ttatagcatt | 420 |
| gactctgagt | ataatccctg | gagaaagctc | accagtttag | aagagatgaa | tccacagctg | 480 |
| ggataggaag | aacaacagcc | tgagggttcca | attctttatc | atgatgtaca | tcccttttgc | 540 |
| tcattccgat | cttaatgatg | ccacaaccct | tacgcaaaag | accactttac | ctgcattgtg | 600 |
| aaggtctttt | taccctactg | tacacacagg | ctcttgcagc | actctcaagt | taaaatgcag | 660 |
| ccgaagaaaa | taggggtcagc | cctgggaaac | acccggggag | cctcttcaaa | aaagaagtac | 720 |
| cattgtggat | ggccagaaaa | agtctttacc | gaaagtattt | aacttggngg | ccttttgggtg | 780 |
| gaataaaggt | ggnaacctat | ttttaaaaag | ggaaaagttt | tttcccntg | gaaggaaang | 840 |
| gnaccttcag | gggaatggtg | gccaatnggg | tttaacc | | | 877 |

<210> 3970
 <211> 912
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(912)
 <223> n = A,T,C or G

<400> 3970

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ngncttgnnc | cttgaaaccc | ccgncttggc | ggacccatcg | antcgaattc | ggcacgaggg | 60 |
| tcancaatan | gcganncttt | tnnatccngg | cgagagacac | gccaataggg | ggnatttaga | 120 |
| nacgtggggc | tccannnatt | ttctctgggg | acaagctcat | tccttcctca | ttttctcaga | 180 |
| actttgggtg | taacagccng | ttgcctaatt | tgtaggggct | gactttgact | nagcagatgc | 240 |
| cttctgnaga | tggaggaaat | aacgacccag | cnccttttaa | ttcacccaag | ctgaaaccaa | 300 |
| atgcgaaccc | ngagcagcct | ggattcattg | acgagccagc | accantgaac | ccacccaaac | 360 |
| caaagccaaa | tccaaaaccc | caagccggcc | tgaattccac | cgggggatga | cttttgatct | 420 |
| ccacagangg | nntcttcatg | gggaacnaaa | aacaggggan | gntgcactcg | attnctggaa | 480 |
| gtggtatgcn | tcaggagcna | ccgtgnantg | tantncance | cactcntcaa | atncataaac | 540 |
| tntgggagan | tccttcaatt | cactgggcaa | ancntatgc | cntaanngct | anncnctgan | 600 |
| gggaggctcn | tncantgcaa | aaanccaaan | atccaacctn | gggaagaatt | caagtcaaag | 660 |
| acccaanaag | gaggccnggc | aatcaagnct | ccttggncac | cgaatcnttn | acangncann | 720 |
| gcttaccng | gganggcacc | ntatggcnga | anctctgtgg | ggggcaaacc | ctcgtgggga | 780 |
| cctnccntgg | nttcccaggg | gggtgcncac | anatattang | cacctnantn | ntttanctgc | 840 |
| ccantgngcg | tntnttatgg | aanaaaagna | aatcaaaaca | tgnggganag | ggaaacccan | 900 |
| naaaaaaaaa | cc | | | | | 912 |

<210> 3971
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 3971

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttgattccat | cagctcttgt | tctttttgca | ggatcccatc | gattcgctac | gaccccatca | 60 |
| atttggccta | taacttgaaa | gagaattcta | tcctgctagc | taaagttgct | cggagtgacc | 120 |
| agtgagattg | ttccacagca | tgtatattat | aaaacaaata | ttaggcagat | agcttataat | 180 |
| gactttttta | tattttattt | ttcattttat | ttataataag | cagacattgg | gacaagaaac | 240 |
| ttctgaaaat | atttatagtt | ctctgaaaga | aggtgtcttc | ccttccttct | gggagttaag | 300 |
| gaatgttttg | acaaggaaga | aagatgggtg | aataagagtg | tattgtatta | ataactaaca | 360 |
| ttaattgaat | atagaatatg | tactaggggc | tgtaaaaagc | tctttatatt | ggattatggt | 420 |
| atttaatcct | caaccttatg | agcctgatgc | tattaatgcc | tctattttat | aaatgaagaa | 480 |
| attatgtcac | agaagggtta | ataattttat | caagggcaac | ttgccaaagt | agcattaaac | 540 |
| ccccagagtg | atcctctccc | tangtgcaga | gcaaagttnc | aaggggcttg | gtatgcacca | 600 |
| gtctcagatg | attctattgn | gggtggctgc | cagaatcaag | cttgctgtga | aaacactgat | 660 |
| tggaagaaaa | aatagtcctc | accagctatn | gctatnggtn | cctgtgcatg | aacctgagaa | 720 |
| gaaagccaag | ccgcctntaa | agatgtagag | tccaaacctt | ttgctgcagc | ttccttgtaa | 780 |
| tacgggcatn | tgaccccaa | acatggntta | aggggg | | | 816 |

<210> 3972
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 3972

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| attcanatac | aagctcttgt | tctttttgca | ggatcccatc | gattcgaatt | cggcacgaga | 60 |
| ggaagagtat | ggctcctgaa | cctacacaga | gctctacagt | agtcgcatct | gccagcaag | 120 |
| tgaagacaac | gcaaacttca | aatgctcctg | atgtaaatga | tgcaattgtg | aaactattca | 180 |
| atgattttga | tggttaaggaa | acctcccatc | atttagtgat | ttctcatcta | gatctacaca | 240 |
| tatgtgatga | cattcatgct | aaagaaaaag | agtcaaacag | acgtattact | ggaggggcaa | 300 |
| tgcaactctc | ttttacacag | ctaactatag | attattatoc | ttatcataaa | gcaggagata | 360 |
| gttgtaatca | ttggatgtat | tttagtgatg | caacccaaaac | aaaaaatgga | tgggccaatg | 420 |
| agttattgca | tgaatttgag | tgcaacgttg | aaatgcttaa | acaggctgtg | aaggatcata | 480 |
| atgtangttc | acctcctaaa | tccccaacac | atgcctnttc | ccagcacaca | caaacagaga | 540 |
| aggactccct | ctgaaaggga | catgcagaac | accttcagta | ttatctcaac | aatcaaaagc | 600 |
| taagctaata | tctagttctg | gtgtgggtag | acttgcagat | ttcaatatat | cccaggtctt | 660 |
| ntacagcngg | acaatgtcgn | tctttccccc | aaaaaccatg | atttgctgca | ataaaaaatn | 720 |
| cctttntntt | tccacaagaa | aaggtcagct | gtctttttta | gaattcacca | gaatntttcc | 780 |
| tattccaaat | gggaaaggat | ttttccaant | tccatct | | | 817 |

<210> 3973
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3973

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| attcnaatca | gctcttggtc | tttttgcagg | atcccatcga | ttcgaattcg | gcacgagcaa | 60 |
| agccatatac | tgggtgaatat | atactgggtc | aagcaccaca | tgtagtttt | ggaatgtgta | 120 |
| tttcccagcg | aatagaattt | actgctccaa | aaagctttt | tggcataaat | cacaatactt | 180 |
| acagaaatat | aattgtatca | ttgaaaaaaa | caaagctcac | cttcctaata | atacatttca | 240 |
| caaactgcac | attagggcaa | tttcttactt | atgaggaggt | caaagaaata | ctctgtcaat | 300 |
| atagtataac | tgcttatttc | aaattgtatc | taggaatgaa | taactactat | tatttaaagt | 360 |
| actactgaat | tttgaggaac | tgatcaaaga | attagtatta | ttaataaaaat | tgtactattt | 420 |
| gcaatatatt | tgccctggca | caaatgcaga | gttaaaaaaca | taaaattata | aaaaaaaaata | 480 |
| atagtgattg | gttggtacta | ctttaaaatc | ctactaattt | ccattagcac | taaatcaaac | 540 |
| agcacttatc | tggtgtatac | aagtaaaatt | ttgaaagact | cngacacaaa | atgaaangct | 600 |
| ttttaaaaat | gtctttgcca | taacanggta | tatgaccctt | tgctaattgg | tatatttcct | 660 |
| tangggcact | ttgaggctct | ttcaaaagac | atctgcgcaa | ttagggctta | aattagaagt | 720 |
| agaaatattt | tggcngatnt | ttactatntc | acaaaaaggc | ctacctactg | gnntttataat | 780 |
| aaaanccaat | tctcaagtnt | tctn | | | | 804 |

<210> 3974

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3974

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| ttttgaaacc | catcanctct | tggtcttttt | gcaggatccc | tcgattcgtc | cacacctcac | 60 |
| gttcagtcac | agccctcagc | tatcttccct | ccggccactg | ggctacctct | ccttcagtcc | 120 |
| cagaagacaa | gtctcaccaa | cccaggaggt | caaggaccag | caaaccaaag | tggataatgg | 180 |
| actttttcat | tcctgttttt | cttggcagga | gagaagcaag | gccactaaaa | gaggagatgg | 240 |
| tggagacgga | ggctcagcag | tggtcttgag | gggttaaagga | cttagatgcc | cagatgaaga | 300 |
| gggaaagctg | acatctgcag | ggaaccctct | ttgaggctga | ggccatggca | ggacagctgc | 360 |
| tgtgggggtg | agaggcagaa | gatgaaattc | ttagtgatcc | agaggttctt | gcagccatgc | 420 |
| aggatccaga | agttatggtg | gctttccagg | atgtggctca | gaaccagca | aatatgtcaa | 480 |
| aataccagag | caacccaaag | gttatgaatc | tcacagtaaa | attgtcagcc | aaatttggan | 540 |
| gtcaagcgta | atgtccttct | gataaataaa | gcccttgctg | aaggaaaagc | acctagatca | 600 |
| ccttatggat | gtcgcaataa | tacaaaccag | tgtacctctg | ccttntatca | aganacttgg | 660 |
| gtgctttgaa | nataatcctc | cccttttccc | caaatgcagc | tgaacattta | cagtgggttg | 720 |
| ccttagggat | tcattcaata | tgtttctctac | taggaatcca | actttaacat | ttttaatctc | 780 |
| aaatattat | | | | | | 789 |

<210> 3975

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 3975

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| ttcccatata | actacttggt | ctttttgcag | gatcccatcg | attcgaattc | ggcacgaggt | 60 |
| tgggcttaga | agatggggct | gagtagggag | agagggtgct | gcctggggagc | tgagccatac | 120 |
| aagtgactgc | acagggttgac | atggaggatt | aggtggagtg | aggcttccaa | gcagggaggg | 180 |

```

gaatgatgggt ggggccc aaa tgaggagcca catcgaagta gatgagagaa tagaagggtga 240
agtaaggggt ggcgttgggt aggggggagac gccagcagtg atgctgatgc ccaggctgta 300
ggtgtatagg tgccatccac ctggttaaaga gagagctgta gcgcaggaat gaggttgcac 360
atgtagaaga aggggaaggat acagggggaga gaagtgtctt ctagtccctaa aaaacagcct 420
gtgggctggc atggttggaa aaacctgtaa gtcccaacac ttcgggagggt caaggtaaga 480
ggatcatctg cttgacccag gagttcaaga acagcctagg caacatagta agatcccatn 540
cctacagaaa aattaagaaa ttagcccgga tgtcgtggca cacaccttgt tgtctcanct 600
tacttgggga ggcccgatct tttggagccc cngggaagggt caaagtcttc caatgaccnc 660
cattgatctt tgcccacttg gactttttaa ccctggggcc aacttgacnt gnccaacccat 720
tgtnttttna aaaaaaaaaa aannnnnnnn naacttcgaa gcccttttta aaaacttttt 780
agtngagttc cttattttacc cttanatncc caacccttgg ttnaggatcc catttgattg 840
aattttggga ncaaaaacccc caacnttttg a 871

```

<210> 3976

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3976

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naaanaaaac ncttttnaaa ctaccgggtc tttttgcagg atcccatcga ttogaattcg 60
gcacgaggcc taaagtaact gaagatccat ctnttcgtat acgtgcaagt cacaagggtat 120
gcgatggctt ggcttgggct cagaggcctg acactagtta ttataaaatg tactttcagc 180
agtcttctgg gacttgacta ccttgtggat tgtactagaa atgtcaggta tggtgactgc 240
tctgcccacc actctaaatg aaactgtccc ccacagctct ctgttgccca ggtgtcctat 300
gtccctcgtc acagctgaat ggaccaaggc agatgtgcta tcaaggacag ccaatcacaa 360
gtgagcagta atctctgata tgctttgggt caaaaagctg agttgagtca acagttattt 420
aaatttgtgt gcagtcactt ccgtttgctg gggaatggcg tggtgaggga agattgatat 480
aagttacctc atatctgggt tacatggata tatatcctac agttgcttaa aatacatttc 540
angattcttt ggtttgacg atgtgttttg gaaaggacag ggagaggaaa ttaagaagtg 600
gagtgaatc caaggacct tcacctgcc aaaaagtgac gggcttctgg tgtcaancag 660
gtgacagctg gcaaggcttt gccctgangg tcgacagaca aaacaagcan tgcacatagg 720
gaagacacaa gcaagggttg agctcnttgc catatanagc tgcatgnaaa agcttaacn 779

```

<210> 3977

<211> 1005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1005)

<223> n = A,T,C or G

<400> 3977

```

gatcttctgt catttgcttt tctgagtttt ggccctcctg tcaatctatc tggtcggggt 60
tacttttctn catcttcaag caggggtgtg tcttcaagca tgcattgtct tgnnttgatt 120
cggaattgat aagttataat agaagcatga gctgctggga aaatatacct cctgatttgt 180
gtggnnttat ttgttcatct tgcaggtttt gagtagtttt tgggtggatgt gttgggagat 240
ttnaatgtta cttanctggt attatctcta ctactttggg ggtcaatatt gaattttttc 300
actgaatccc agcccaacac tntntttttt tttggcncta attncntcga aaaaaaatgg 360
ngtttggatt taagaataaa gangaaaagt nntgggtttt ttagccaggg ttcttgcct 420

```


| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|------|
| ancaggaaaa | aggcttttgg | ttccttaaga | aaccccatan | ccaatttggg | gaaattttta | 480 |
| aaatttnaaa | tncaaaaagg | ccctttatat | ttattgggaa | aaccatcctt | ggccttaata | 540 |
| attnaattcc | nggcnaaatc | ctgggaaaaat | gggaaaaaagt | ttaggaattg | gaaaaaaaaa | 600 |
| aaaagnaccc | nccgggntnc | ccaaccaa | aaaaataccc | ccnccccaaa | aaaaccangg | 660 |
| ccatagaccc | cacctctggn | aaattttcnaa | aangggggcc | tttaattaat | aangggggggg | 720 |
| naaaaaanat | ttttcagncc | ctnttgga | cccntttggg | ggnggcccgg | natttaccng | 780 |
| tnanaaatnc | ccccancctt | ggaattaagg | aatncatttn | gggtgganan | ttngggncca | 840 |
| aaacccccna | acttnggaaa | tgccaaaggg | gnaaaaaaaa | angcctttaa | tttngggnaa | 900 |
| aaattggggg | agnccaattg | gctttaattt | gggnaaccnt | ttataaagcc | cgcanttaaa | 960 |
| acaaggttaa | cncncccccc | aatngccatt | ccattttaag | gntcc | | 1005 |

<210> 3978

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3978

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tttnnnnnnn | nttnnnnnnn | ttttgaatnt | gaaanccttn | anacaagcta | cttgttcttt | 60 |
| ttgcaggatc | ccatcgattc | gaattcggca | cgagatataa | aagcgtttag | aanaagaagc | 120 |
| aaaagagacc | cgcacattcc | acccagggag | ggcatggaga | aagaacagtg | agtggaagga | 180 |
| aaacaggtct | gtgctgcctc | aagcatagag | gtctttctat | ggcaggcacc | cggggcagcc | 240 |
| aaaaggacac | tgtccacagc | caggccagag | tctanctgtn | acacacatan | gcagggtgtg | 300 |
| tgcatacctc | aagcatgcgt | tcacgagttg | tnatacttaa | gngaatttgt | ttttttacag | 360 |
| naacaacctc | tagttccatt | taaaaaggga | tngttattta | attttaatta | aaacatatag | 420 |
| tagntgtttt | ctcactttgg | tttatgtatc | cattttcaac | agctttgttg | aggtgtgtgt | 480 |
| tacacaccct | caaattcact | ngttttaagc | atacaantna | ataattttta | gtaaattcag | 540 |
| aattgcgcaa | acatcacaat | ctantaatag | aaattttctt | tcaactccaaa | agaaacctgt | 600 |
| gctctattta | gcaactccct | gttccccccc | agtaagccca | tatgtgggca | aaagttgact | 660 |
| ganacttggt | atttttaatt | gaaatatcac | aaaacttatt | gcattttttt | tttgagacgg | 720 |
| agtcttgctc | tgtcgncccc | agntgnnggg | aaggggctnc | ntnccccenn | ctnnngngnn | 780 |
| ggnggncnt | | | | | | 790 |

<210> 3979

<211> 462

<212> DNA

<213> Homo sapiens

<400> 3979

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| taacatcagc | tcttggttct | tttgcaggat | ccctcgattc | gaattcggca | cgagcctaga | 60 |
| cacctcgat | tggggaaagt | cttaagtgg | tggagcccat | gacatttggg | tatgatgact | 120 |
| agattttttg | tacagctgag | cctcaataaa | ctcatgcgta | cacttgtag | aactcaa | 180 |
| agaaatgggc | acagaaactg | gattacattt | ctgtgctctg | aaatcccaca | gagttcataa | 240 |
| aaatacacat | gtatacacaa | aagcaacaaa | tgtaagttac | attttattat | ggaaattgat | 300 |
| attagtga | ttgacagctt | tctatgggta | aagattatcc | tgtaggtgag | ccaaggttct | 360 |
| ctgtttttct | gattttctct | attcattccc | tataatttca | gcattttcgt | tctcattgac | 420 |
| ttaatatccc | tgagggtatt | attgtgaatg | tctttgttta | tg | | 462 |

<210> 3980

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (475)

<223> n = A,T,C or G

<400> 3980

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| acntngatca | agctacttgt | tctttttgca | ggatcccatc | gattcgaatt | cggcacgaga | 60 |
| tcttttaaaga | aagcatccac | agtttctgtg | ccatttcatt | gacaggtttt | attttaaatg | 120 |
| gtagaccatc | caacagaggg | atagggagct | gcagcgggtg | gctgcttaga | ctcaaaaaga | 180 |
| gaantctcgc | tgactcatgc | aggttgaggt | tttgtctcat | tcccaggaat | gcttggactc | 240 |
| ccagaggcag | tgaagccaca | catttttagca | gaattacctc | agcagtgtgg | tgcatgatca | 300 |
| tgaacttcaa | gtttacctac | aaggaagatt | tcattgtcct | tctgtcacta | gccaaacact | 360 |
| tcacagccta | nactcctgga | ctacataaag | gccatacaa | aagtgtttgt | gtgcatttgt | 420 |
| gtatgtgtga | gtgtgtgtgt | ttgcagtggg | agaggacact | tatctttgct | ctccc | 475 |

<210> 3981

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (460)

<223> n = A,T,C or G

<400> 3981

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|------------|-----|
| ttcattactc | ttgttctttt | tgcaggatcc | ctcgattcga | attcggcacg | aggcggagct | 60 |
| tgacgtgagc | agagatcgca | ccactgcact | ccagcctggg | tgacagagcg | agactcctct | 120 |
| cgaacaaac | acaaaaaaa | gtttcaaaga | cagaaagtgg | aagttacaag | gctttttaag | 180 |
| gccttatctt | ggaagtcaca | gcancattta | ttttgcattc | cattgggtcaa | actcaagtec | 240 |
| taacaggcct | aaggggggtca | agtaaaaggt | gggactcaca | ggaagttcca | tatacattac | 300 |
| agcttcactt | gcagtacaga | ggggaagggg | aatcctactg | ggacagaacc | tcaagtagca | 360 |
| tacctgggtg | tatattgtgc | ctggaagaaa | agatggccag | aagtatagat | ctatagatgg | 420 |
| atgggtgattg | atggatgggt | tgactggatg | gtcaggggatt | | | 460 |

<210> 3982

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 3982

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| cttcgtttga | ntcccgttcc | aangcaggag | cccatcgatt | cgaattcggc | acgagacttt | 60 |
| gcatttgctc | gttttggtca | acttttcctt | ccttctctgc | ctgccaaaaga | aactgtaata | 120 |
| actgtaataa | ttnttatgac | tttctcttca | atgacagtna | tcttccttta | ccctaattcc | 180 |
| ttccctcctc | atccttcaaa | tccccttcc | catcattcaa | agnctaactc | aagctagcct | 240 |
| ttcctcctta | ttttcccctt | atctttccaa | tccgtatgga | gattttctcac | ctttcctgnt | 300 |
| ngaggttgcg | ccagaatggc | gaggattaaa | ttgtaattgc | tntntaatag | actgntgtgt | 360 |
| cngcccacta | gatttcaagc | tctctaaagg | tnaaagctnt | ttctnacatc | anaactngag | 420 |
| tccttttatgg | annntnnncac | atcngaagg | cnnnanttat | ttg | | 463 |

<210> 3983

<211> 457
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (457)
 <223> n = A,T,C or G

<400> 3983
 tattcatcaa ctacttggtc tttttgcagg atccctcgat tcgaattcgg cactgagtcta 60
 gctcaggggc tctcatgagg ttccagttat gatgttggtc tgtactgtgt cgtctgaagc 120
 ctggctggct gaagcatctg ctccaactc actcatgtgg ccatttccca gagcccagtc 180
 cttactggct ttttgccagg gaggccttaa tttcttacat atgggcctct ccatagggca 240
 gcatgcactt tgcagctggt ctnccttaca gtgaatgatc caagagagta tgagagagtg 300
 tgccacaatg gaagccagg atctgttata acctcatctt agaaatgata taacatcact 360
 ctgccatatt ttgtcagttg cacagacccc tggtagagtg tgggangtga caacacagga 420
 tattaatacc aggangcagg aatcattggg accgtctc 457

<210> 3984
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3984
 ttccatttag ctacttggtc tttttgcagg atcccatcga ttcgctacga tgacccctc 60
 ttcaggctgc catttggttag agggnnaggg agtggctagc catcgagtna gaccatgctt 120
 tgcaccacc atcagcaagg ctcaagatag tgcttggtc gtcagaata agccttcctc 180
 tctgcaggga tctcatctcc atctgtggga accaggtntg aggcctctgaa cagntcctgc 240
 tctggcaaga cactccaca tctttctccc tcaaacattc atagcctctc tgccatttta 300
 tgcttctggt acaccagaaa taatatcaca atgccttgca tcaactgaccc ggctggataa 360
 ttccttttca atatgtcctn cttgcanaga naagatcttg ccanaagact gagaacccag 420
 ncttccaaga tggccacagc tgcaccaaag atcacaangt aattg 465

<210> 3985
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (463)
 <223> n = A,T,C or G

<400> 3985
 attcatcagc tcttggttctt tttgcaggat cccatcgatt cgaattcggc ncgagattcc 60
 agcatccatc acagataaca gacagcacta ttcatgaaat cccaacaana acacacgccca 120
 agttcccata tacagggtgca nggcatgctt catttaccat tgaatttgat gacagtaccc 180
 catggaaggt nactattaga gaccatgtga canagtttac ttctgatcan cgccacnagt 240
 ccaanaagnc ttctcctgga actcaagact tgctggggat tcaaacanga atgatggcac 300
 ccgaanacaa anttntctgac tggctagcac aaaacaaccc tcttcaaagt ctatgggaaa 360

gaacagaana tgattctaaa ngcattaaaa gtgatgttnc agtgtacttg aaaaggttga 420
aaggaaatna acatgatgat ggtacgcaaa gtgattcana gac 463

<210> 3986
<211> 464
<212> DNA
<213> Homo sapiens

<400> 3986
cgctcattcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cactgagatca 60
tctagaatcc cagcagtttc ctttaagttgc ctactgtcaa ttttccattt ctctcgteca 120
aattcacatg gagacatcat ttttacacac ttgtaataca ttgtaggcgg agtctggggg 180
tcctagcact tcccctaaca tcatctcatg atacttagac ttttaaagaa cccttgagta 240
ggccctgtga taaaggatgt tagtgaaaaa aataatgaga aacagggact tggcttagag 300
aaagaagcct gcgtcagatc agtaggcccc cctggggctg tggaaagcat cagaaggtcc 360
cttaggaagt gatgttgaa atggccttgg gccagccacg ttatttctct ggacctcagg 420
tcacccatct ctgaaatggg agcattgaac tggctgatcc ctga 464

<210> 3987
<211> 458
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 3987
nccttcttct cttgttcttt ttgcaggatc cctcgattcg aattcggcac gagggaaaac 60
ggaaaaaact caagagtgan aactaagtgg tgtgtgaaaa tgtcattgtg cctgggtggt 120
tgaagtcatt aaatcagaga gccaaaantn cctancagag tggancgaaa aangaccggn 180
cagacagtgn gaataatata tcaactgatgt aaaancaact catatgatgc ttgtaaatgt 240
ggaaactata actntccctg gaggggtata nagatgagtt caattaggag ggaaactgag 300
tgacaggagg acaaaattgg aaggagatt tttactgtat aactttgtat cttttaaatt 360
ttgttccagg cgcatttatc atgtattcaa tgcatttaaa cagaagagga gaaggacggc 420
ccatangata taactattgg ttaaaacat cttgtctn 458

<210> 3988
<211> 457
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 3988
gnaannctt tccccnnnnn ttttgcagga tcccatcgat tcgaattcgg cactgaggcaa 60
tatgtagttt gccataaaan gaatgcattg cttattcttt tccatagttc ttcattaatg 120
agactttagt ccaagaatag aattggaaga tncatctcc tggggtagtc aaaaaaatc 180
tccttgggta atactggaan canctaattt tctaatttg gttggtccct ctttaataata 240
aaatnctatg ggaatnactc ttttagtagt ggcttggtg gaagctctgg gaggagcaaa 300
gcancctctc caggtgactg gctgactttc cactgaagg agtattactg caagaattac 360
aaagcaggta ggactctggc ttttgatgag caaatggntg aaaagtgcct ccttcccagt 420

cttccttttg ccttcatttt agtttaaagc ttgaagt

457

<210> 3989
<211> 471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 3989
aagnnacttn tttgaaaccc ccngntcttt ttgcaggatc ccatcgattc gggcacatct 60
tctactagct aacttgggtcc ttttttttna aaaaataaaa cccttgcgta gttctccctc 120
aggggatgcc taggattttg gatgagaacg tattggctca atgtgagtgg ggcagtggca 180
ggcatccatt tcccttcccc ccattctgnc acagggtgcc atctgcctgg cagtanaatc 240
cantgctcat gttggtgact ccagagcccc ttccttgctg gtgcctgcct gangcattgg 300
tgtatgtggc gtcctgggaa ggggatttta gttnaatgaa tgatacgtac ctcttgcttt 360
cctgggntnt gcgagcttta atcccttgat ngctgntgg gaggcttgan agacanactg 420
ggaactgtgt nagaaagcat gactcgtatn ncgattgnan ngaaatnanc t 471

<210> 3990
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 3990
tgnttngant cagctcttgt tcttttttga ggatcccatc cgattcggaa taagtgaatt 60
ggaagatagc tacacagaat gaagcataga agggaagaga tggaaataca cagagctaga 120
gggtaacaca ttgatgctac agacagaaca cctaacatac ttctggagtt ctgtaagatt 180
agaggagaga aaatagagca agagaaatgt tgcaaggatt tttccaaaag gtataaaatg 240
tatccctgaa tatattttta gtaatctcaa cttcaggcat gataactaaa accaaattaa 300
cataaaataa tacaggacgc aaaagaccaa tagaaaatct gaaaagtagc tagaggtaga 360
agatagagta tgttgaaaag aactgtattc taaatacaac ctgattttta cagaaaacat 420
ggaagcagga attcaatgga ttaatgggaa tcatgtcttc aatgtg 466

<210> 3991
<211> 778
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

<400> 3991
ggngnntnnn ccctttgaan cccttaatac aagctacttg ttctttttgc aggatcccat 60
cgattcgaca gggtagtgca tgtgacgggtg tocaagacgc acagcagatt ttcattcaca 120
aaaaaatctg accacaagag ctaaacggaa ataccttcg ctgtccttcc caagtcacag 180

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----|
| agcaaacacc | tcagttccca | ggggtccgca | tcagttcttg | tggaggcggt | gactgtgagc | 240 |
| gtgaccagct | gggctaattc | gtcctgacat | ttagttggga | cagctatagt | ttcctacctc | 300 |
| tatgaccaga | gagtgaagcg | tttctactgaa | gaactgtggc | cggcgtctcc | aggaaaggaa | 360 |
| ggagcctcgc | tttctccagg | gcaggggagc | cgtggggcgg | ggcaggccgg | gtgtgtctgt | 420 |
| ggggagtggg | cgcgtgctca | cactctttaa | gctgcgactg | cttcctttag | gacagaatga | 480 |
| agttcttcga | ggaggccgat | gaagacagaa | tatggataag | gccaaacctc | cacaaaatcc | 540 |
| ttctacatct | tcatatcaaa | acatgttaaa | cataaacctn | caaataacctc | cagggatata | 600 |
| agcacagggc | ttnctaaaca | ggcgggatat | gcaacctcgt | tctatcccan | gccacacag | 660 |
| aaagtgttgg | gggaatcact | gaaggaagga | ngagaaagaa | ctcagaagaa | ccataagaga | 720 |
| gcaagacatg | gacaggaaac | caatggccca | cgcgcccgcan | gaagacttaa | aactncag | 778 |

<210> 3992

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 3992

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| ttattccatc | aagctcttgt | tctttttgca | ggatcccatc | gattcgcttc | catgttatta | 60 |
| gtaattctgt | attccatttt | gttaacgcct | ggtagatgta | acctgctagg | aggctaactt | 120 |
| tatacttatt | taaaagctct | tattttgtgg | tcattaaaaat | ggcaatttat | gtgcagcact | 180 |
| ttattgcagc | aggaagcagg | tgtgggttgg | ttgtaaaagct | ctttgctaata | cttaaaaagt | 240 |
| aatgggtgat | ttaaaaagaa | aaaaggaaaa | aaatcttttg | ctgaatatgt | tcattgcttg | 300 |
| tattttttaa | acaacagaat | ttccagtatg | aaacaggctg | aaagagcagg | aagaaatgtt | 360 |
| ctttgtataa | taatgggaag | tttggaaat | aaaagtttat | atattattta | tctattggag | 420 |
| aactgggtga | caggaggaac | attttcttac | tgtgttgcgt | ttttccatca | tgtgttatcc | 480 |
| taagagtggg | gggttttttaa | aatctgtttc | accaggggaa | aataaaaagca | tcctaatgt | 540 |
| tcttctctc | aaaaacccan | nnnaannnnn | nnnnnnnnnn | nnnnnnnnnn | ncctcggaga | 600 |
| gagaaaaana | cctttctccg | agccctntan | aacctatagg | ggagtccgtn | ttaccgtaga | 660 |
| atcccnacn | ttgaataaag | aatnccattt | gggttgaagt | tttngggacc | aaaaccccc | 720 |
| aaacntnnga | aattgccnnn | tggaaaaaaa | aatgcctttt | ttnttttggn | ggnaaaaatt | 780 |
| ttgggggaaa | ggcctttttt | ggctttttan | ttttngnaaa | cccccttttt | ttaaagcctg | 840 |
| gccnaattaa | aacccaaggt | tttaacccaa | nccaanccca | atttggccnt | tttccanttt | 900 |
| ttntnt | | | | | | 905 |

<210> 3993

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3993

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gaancccttt | tgaaaanctt | anatacaagc | tacttgttct | ttttgcagga | tcccatcgat | 60 |
| tcgaattcgg | cacgagatat | tatttttaatt | ttatataata | gcatgtactg | ctttacacat | 120 |
| ttttataata | agtcaccaca | gtattacact | ataactacgt | tataagtgca | atagatatgg | 180 |
| gtncataaaa | taaaaatagt | tgaggagaaa | aaacctttag | accattcatt | ataacgtgcc | 240 |
| anactgataa | ggggaaaacc | ccccatgtca | catgagagaa | ataaaaacca | ctgccatttc | 300 |
| tctgtgcctg | ggtaactgag | ttgattgtat | tcaccagaag | gttcttgttc | tgccttttag | 360 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| acctgcctgg | gtcatttccc | tggtcacacc | ccagtgacta | agctgaagag | atztatcatg | 420 |
| atgcctgctc | ttttctgttg | gccttgggtca | cttccatgtg | catgagcatc | tccatccaaa | 480 |
| agtggccttc | ttctctagcc | ccgatgggat | gtcagtngcc | catgtttcta | atagaagacc | 540 |
| catgccaaag | ccactttgac | aactctccac | tcgcaagaat | gctgtcggcc | tntagctaaa | 600 |
| ctgttatggt | ccactcaacg | ctgtacactg | tgtggccact | ttccttccgc | tttctgtcat | 660 |
| tgcagggang | ttgtaaggca | acacccangg | ggcttgacct | cttcaaggac | tttgccagca | 720 |
| ncaaaaaacc | aancttgggt | acaccctggc | ttaaaaaacc | acanccccag | caanttnena | 780 |
| gctttnaatg | | | | | | 790 |

<210> 3994

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (898)

<223> n = A,T,C or G

<400> 3994

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| tttaattnca | atacagctac | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gaggacactt | tcattgttgt | gccagctggg | tgaaattaaa | actctgatat | tacttttttt | 120 |
| gaggattttt | atttttgttt | ttgcttaaac | atatagtttg | tctagaagtt | taaaaagcta | 180 |
| aaagttaaaa | atgggtgta | tatgaaaatc | taacactcaa | gatagtttct | aaaaggaaat | 240 |
| cagtagttaa | ggatacctga | tttcaaaata | tttaaagcat | aacctaaactg | atggtaggat | 300 |
| gattgtatct | tgaatatgtg | gtagggccac | atctattgta | ggaaaacctt | gcttttatca | 360 |
| tctgtgtgta | aagggtctta | taaggagaag | aggccttttg | actgatttgt | gagtataaat | 420 |
| gcatttgctg | tttcatattca | aaaatgttgt | ggaggaaaag | agtacattta | acttgtataa | 480 |
| gagaatattt | gtactcctgt | ccaggctgca | ggacctttct | tcgagagctt | tgacacttg | 540 |
| acttgaacca | cattttctga | tccctttact | ttgttttaga | agcaccactg | aaaaatctcg | 600 |
| ttgttttaaa | gtncaatattg | taaatatttc | aaaaaanann | aatnnnttnn | nnnnnnctcg | 660 |
| gagcctctnn | aaccttttagt | ggagtcctga | tttaccgtag | natcccnaaa | ccatggatta | 720 |
| agaataccat | ttgggttgga | agttttnggg | ccaaaaccn | caaacctttg | gaaatgcctt | 780 |
| ngggaaaaaa | aaaaaaggcc | ttttaatttt | tngggggaaa | aaattttggg | ggaatggcct | 840 |
| attttgctt | ttttaanttt | tgggttaaac | cccctttnt | ntaagggcct | gngcnaan | 898 |

<210> 3995

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (833)

<223> n = A,T,C or G

<400> 3995

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| gncnntttna | taccatcanc | tcttgttctt | tttgcaggat | ccctcgattc | gaattcggca | 60 |
| cgagaatgga | tgaatttttg | tttgggttga | agaatctctc | tgagaagttg | acacgtgggg | 120 |
| gcaatgggtt | gtttctcttg | tatttctgaa | gttgcaata | atcatgtaag | cagttcaacc | 180 |
| aggagtttac | accaaacttt | taataggcga | tatatcatta | tttttttcc | cattggtttg | 240 |
| gataacatcc | actttaactg | gcagtttagtc | atacttagct | atttttgtta | aagcagggtga | 300 |
| tttattgtta | ttttatattt | atgacatgat | taataagtga | atatggaaga | ttttacattg | 360 |
| acttagggga | tcaaagtttt | catttatatta | acacctttta | ttgccatgag | ttttctattt | 420 |
| ctagcatgca | tatttttgtgt | tcattcaagt | gaagaaaaca | gtcttttgtg | ttctcaggta | 480 |
| ctgcataagc | cgaccacagt | ataagacttc | ttgtggcatc | tcttcattaa | tttcttggtg | 540 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gaattttctta | tacagcacia | tgggagctgg | aaaccttccc | ctattaccca | agaagaagct | 600 |
| ttacatatctc | tgggctttca | acctccattt | gaagatatta | aggtttggtc | ctttcacggg | 660 |
| gaatcaacac | ttatgangnt | ggtttaagac | aaattaaatg | acctcttcc | atgtnaaaaa | 720 |
| ggatgctctt | atgggtctat | attaaaccct | cattggggaa | gaataaaaac | caccagggag | 780 |
| aaaacctgct | tcanggggnc | cctgtcnaaa | gttaaccccg | ngggtttgga | aan | 833 |

<210> 3996
 <211> 838
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(838)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 3996 | | | | | | |
| atnengtttt | aattccatac | aagctacttg | ttctttttgc | aggatcccat | cgattcgaat | 60 |
| tcggcacgag | gagaagcaga | gggacaaggt | gtcatccaag | tgacctacct | gcctcagcct | 120 |
| cccaaagtgc | tgggactaca | ggcatgagcc | actgtgcccg | gcctgttatt | gttgtgttgt | 180 |
| cctgctttta | ttgtgcttct | ttttctttat | ttgtaatagt | ttccctccc | actccactg | 240 |
| ttttcttaac | atggagaaac | ttttttttta | attgttccca | gtgaatgctg | tctcttccca | 300 |
| tgttgactcc | attcacttgc | catgaattga | cttagtgcca | gacctctgtg | ccttcttcat | 360 |
| gtaaccagct | caccttagcc | ttcttgtaga | gggcttatga | tcttagttgg | attaagttaa | 420 |
| caagtttttg | ttcagaaatt | ggaaaatact | agtcaccatt | actttcatct | gtacttgaaa | 480 |
| atctcgtctc | tcagacatcc | atcatctcta | ggtgttggtg | acaangcttg | acatctttct | 540 |
| aacagttgac | tttggcttct | taaattcctt | gaactaattg | agagttttct | taagcagagc | 600 |
| ttanaaggag | tacttgagc | ccccaaaaca | aangcagggt | tttaaaatta | ttggngctata | 660 |
| agtctttggt | tattccagct | gtcacccaaa | atggggattt | tangcattta | caatcggtaa | 720 |
| aagggcaaaa | ccccaaatta | ggggatggac | aaaatccctc | actggnggat | gactctttaa | 780 |
| tgcttaccct | caagactttt | ttaagagtgn | ggattatcaa | ccagngactt | cattggcn | 838 |

<210> 3997
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 3997 | | | | | | |
| tgaaaccttt | tgaaaccttt | nanacaagct | acttgttctt | tttgcaggga | tcccatcgat | 60 |
| tcggtaaaaa | ccctctgatg | caaaaaaaag | tattaacttt | cacaagctgt | ttgtactcaa | 120 |
| atacatcttc | tcagtttcag | atcctctgct | gttttattga | gtggaaaagt | gagctaaaac | 180 |
| ggttcaagaa | gaataatggt | gcatttcctt | atgtctcagg | aaacactttt | tatggtaact | 240 |
| tgtagatttg | tctatgaaca | aaccttctt | tttagacatt | gataaagtct | tctttcttcc | 300 |
| acgtgatatt | ttatacaaga | gcacttcaga | tgtattagat | gtgactgatt | ttaacaaatc | 360 |
| ctattagatt | tgtatcaact | agttacatgt | tctattcaca | gtcttttgtg | aatcattgcc | 420 |
| tttttgtttg | aaaagatggc | ctcttttgag | cctttgtttg | gatacattcc | tgtttttgtg | 480 |
| acaaaagaaa | aacttttaaa | ttgtcccaag | cagaaaaata | atggctatca | gaagtatggt | 540 |
| ttgtttcagt | gtgagttact | gttactgtat | ttgtttattg | taaacgtaga | catttagcat | 600 |
| tcactgcagt | tttcaataaa | aagtaattaa | aatttggtga | gttctgaaat | tcaagtacat | 660 |
| ctcactaatg | taaaagttct | ctacttgaga | tgtttaaggc | aagtgcgttg | tcaattacca | 720 |
| atttccaact | cttgttctac | agggtctatc | tgccatttca | taccagactc | aagaatg | 777 |

<210> 3998
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (772)
<223> n = A,T,C or G

<400> 3998

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgaacnnttt | aaacnntttt | gaaatcctnt | nggcttctgc | aggatcccat | cgattcggct | 60 |
| atgtgctgac | aatgtggcc | tactttacna | ccattaatgc | tgaggagctg | ctgctttcaa | 120 |
| atgcagtggc | agtgccttt | tctgagcggc | tactgggaaa | tttctcatta | gcagttccga | 180 |
| tctttgttgc | cctctcctgc | tttggctcca | tgaacgggtg | tgtgtttgct | gtctccaggt | 240 |
| tattctatgt | tgcgtctcga | gagggtcacc | ttccagaaat | cctctccatg | attcatgtcc | 300 |
| gcaagcacac | tcctctacca | gctgttattg | ttttgcaccc | tttgacaatg | ataatgctct | 360 |
| tctctggaga | cctcgacagt | cttttgaatt | tcctcagttt | tgccaggtgg | ctttttattg | 420 |
| ggctggcagt | tgtcgggctg | atttatcttc | gatacaaatg | cccagatatg | catcgtcctt | 480 |
| tcaaggtgcc | actgttcac | ccactttgtt | ttccttcaca | tgctcttcca | tggttgccct | 540 |
| ttccctctat | tccgacccat | ttagtacang | gattggcttc | gtcatcactc | tgactggagt | 600 |
| ccctgcgtat | tatctcttta | ttatatggga | caagaaaccc | angtggttta | gaataatgtc | 660 |
| agagaaaata | accccgaaac | ttacaaataa | tactggaagt | tgtccagaag | aagataatta | 720 |
| tgaactaatg | gacttgagac | ttggcaatct | gccaaaggga | gacacaaaat | an | 772 |

<210> 3999
<211> 801
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (801)
<223> n = A,T,C or G

<400> 3999

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tttaaacctt | ttgaaaccct | ttttaaaacc | ctttaaacia | gctacttggt | ctttttgcag | 60 |
| gatcccatcg | attcgaattc | ggcacnagta | acagtcctat | attgtttcct | gggcaagtta | 120 |
| aatagtccta | attggccctg | agttgttaga | gaatgtttgt | gaaccactca | cacagacctt | 180 |
| gacagatagg | tttttgtttt | ttgctttttt | gaagtacatg | atatagacag | gaacacagat | 240 |
| ttttaaatgg | tagctgttac | taagtgtggg | agagagcttt | gactctggca | gtttgggatg | 300 |
| gcctttcaaa | attgacaagt | gtggttgtaa | gggttagaga | gtaagttggt | gatgaatgat | 360 |
| acactactct | ttggagaata | aagagccagg | tgtgagggtg | gagtgttcta | ngattaggag | 420 |
| acttggaatg | gtttgaaacc | tgaggagtaa | gaaattgggt | gagagaaggg | actctgagag | 480 |
| gatgccacag | tattggctac | agctttttca | tcttcccaa | ttatccagta | aaagcagagc | 540 |
| tccttttaat | attgggagca | atattaatat | gtttactctt | atcacttgta | tttatcattg | 600 |
| nattagangt | cctaacaagt | acaattaggc | aagaaaaaga | aatgtttcca | gnttaacaag | 660 |
| aggaaataaa | acttttgtgg | tttgcaggtg | gaaatgaaaa | atcctaagga | ctcttgtaga | 720 |
| aaaaactntn | tttgaaaatt | nccanaacag | ccaataatn | ttttgatngg | gaaaaaaaaa | 780 |
| acaanaatgg | gtttttattgg | t | | | | 801 |

<210> 4000
<211> 777
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4000

```

agnaancnnn ttnttannnn tttgaaanct tntaaacaag ctacttggtc tttttgcagg      60
acccatcgat tcgaattcgg cacgaggtct tcaactctgcg acaacaagct tcttgaaggc      120
aaagaccata ttttaagtat cttttgtgtc ctagatgcac tgagtaaaan nccagggatg      180
ccgcagatca taaattngtg ntaatnttca aaaatagact ctaaaattta natttacana      240
aacattgnaa agatactgna nagtttctgc tatectacac tgtttcccat attattaacg      300
ncttacatcc ctgtgatcat ttgtctgnat taataaacca gtattgatac attatcacag      360
agaccatact ttatnagggt tccacaggnt ttttccttaa tgttctttca ctatcccagg      420
atccccatnca caataccaca ttacatttag taattatgtc tccttagctc ctcttggttg      480
tgacaatttc tcagactttc cctgtattta gtgaccttgg cagttttgaa cattactggt      540
caggttntgt ttgtttgttt ttttgagaca ggatctccct ctgtcaccaa gactggagtg      600
cagtggaaac atctcatctc actgcagcct caacactctg ggggtcaagt atcctntgac      660
ctcaatgtcc ggagaanctg ggcccagana tgtgtgccat catgctctct aaaaatacaa      720
aaaaataacc cggcgtgatg gtggggcctg tatcccagct actcnggagn tgaggga      777

```

<210> 4001

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4001

```

ttgaaacctt ttnnnnnccc ttttnaantt gtagaataca agctacttgt tctttttgca      60
ggatcccatc gattcgaatt cggcacgaga cactgttcta aaggtgttgt gtgaattttc      120
ttttttatct attaccacaa tctgtgaaca aatacaaaata tctttccagt tagtgcattc      180
cctcaaattg aacttctggc tgcaaggaaa gctaggaatg attatggttt tgtagtaag      240
gaaaattatc aaaatgggat attaggttgg ctactagcag tcttggcctc atgctttcag      300
taaatagtgt gcacttcaga tcatgtggca ttggagaaag gaagaacatg ttaataatat      360
aacatggggt aggtcatgga gtcttgatta ttgtttccta atggtactgt ttgacttcat      420
aggctacaag acaaatttct tcaagtgtaa atttttcgat tgaagaagac ataaagcctt      480
tgagaattta ctgtatactc agcactttgc ccgggtgtag gataaggatc aaaatcatga      540
aagcctaatt tctttcccca gagacttatg aatgtggctg aaaagaaaaa gtacaacaca      600
tgcaaaataa ttatgaaata atgatgtatg acaggaatgc agagaagggg gagatcagtg      660
tgcatgaatt aatgagaaaa acctcatgga gaaggagcag catagggttag atcttaagga      720
atgggaaata ttgcagcana tgaaaangac tgccagggtg ggttataata tagtagngga      780
agaaaaa

```

<210> 4002

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4002

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| aanccnnnnnn | nnnnnncnttt | gaantcatag | aaacaagcta | cttgttccttt | ttgcaggatc | 60 |
| ccatcgattc | gaattcggca | cgagggcctt | tttccttggt | ttcttcttag | tgacagcatt | 120 |
| ttttggaact | ggaaatatag | cttctattaa | cagctttgat | cttgccctctg | tctattgctt | 180 |
| tctgactgtg | ttcagtcctt | ttatgatggg | agccctgatg | atgtggaaga | ttttaatccc | 240 |
| ctttgttctt | gttatgtgtg | cttttgaagc | agttcagttg | actactcagt | tatcgtcaaa | 300 |
| aagccttttt | ctcattgttc | tcgtcatatc | agacattatg | gctttgcatt | ttttottctt | 360 |
| gggtcaaggat | tatggcagct | ggcttgatat | tgggacaagc | atcagccact | atgtgattgt | 420 |
| catgtccatg | accatctttt | tgggtgttct | caatggcctg | gccagctgc | tcacaacgaa | 480 |
| gaaactcaga | ctatgtggca | aacccaaaag | tcacttcatg | tgaggttgct | gaagcaccat | 540 |
| tcagcatctg | gatcctgatt | ctccttttaa | gctaaaatct | catcaaggct | tcaataagaa | 600 |
| gatggatatg | gatatatagt | atattctact | cctgtaagga | aaatgggtatt | tgggaattccg | 660 |
| aattgacagg | ttatctggaa | caaaggagct | tctttttttt | tctangtttt | gcaggcatga | 720 |
| aatagtgatt | atatctgtgg | aaaagcatan | gaaggcattc | tcctttttca | tttttttctt | 780 |

<210> 4003

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4003

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| tttgaaccct | ttnaancctt | tttgaaaatg | naaanacaag | ctacttggtc | tttttgcagg | 60 |
| atcccatcga | ttcgaattcg | gcacgagttt | agatggagct | cataattata | caaactcatc | 120 |
| tcgttcacaa | atccctaggg | ctcaatgtta | aagtcagcca | ttgtttaagg | cagaaattca | 180 |
| ggtttagata | tagtgtagca | aagattttcc | attatatgag | atatcgatcc | tattaaacat | 240 |
| aaaacttttc | tcttggtctt | ctatttttact | gtctttttgtt | gccatcagct | gtatgccctt | 300 |
| taattttttc | tagtaatacc | ttggaattta | aaaatgaaat | tacaaatgtt | tatgttttag | 360 |
| tgttttttaa | aataattcga | ttaagtatgc | tatgatagag | gagcaaagtt | gttattagta | 420 |
| atatcaatgt | gcttacaact | tatggaaatg | aaaaatagtc | tttagtccta | gcagcctttc | 480 |
| tgctgtagta | aaatagtttg | tgcactttta | atcgctgtga | ggttacatct | tcaaaggact | 540 |
| gagtggcata | agccagggag | gtcttagaaa | tcttacaaaa | ggaaaaaaat | aagaaattat | 600 |
| tcctcatcat | atgaaaatta | tttactaaca | atgtatgatg | gtttaanctt | cttttaaatt | 660 |
| cttcactttc | cactcctttt | tgtctctttc | cttttagttg | gactattacc | ggagttacct | 720 |
| tacactaatg | ttgangtatt | tgggggttcan | aagaaaaata | ggccaagtaa | anggaaaatt | 780 |
| ggaaaatagt | ttccaat | | | | | 797 |

<210> 4004

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| gnnnnnnnngg | nnnnnnnnnt | ttnnnnnnnt | aatgaaccct | ttgaancccn | tntgaaaanc | 60 |
| cntngaaaca | anctacttgt | tcttttttgca | ggatcccctc | gattcgcaact | gtggagtccc | 120 |
| tgcaagtcag | caggaccagg | gctgtcttcc | tgcaccatct | ggatttggtt | agctctctct | 180 |
| gggcagtggtg | gccgagtctc | atttcctcca | acaataatgt | tatataggca | atgatccttg | 240 |

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| gctgccctaa | cataattgaa | aattatgtgt | attgtaggct | tggagtgtctg | aaatgtgggc | 300 |
| tcataaaaaat | atgtggtgca | ggtagcctat | ggagattgga | tgtggcacac | aatgaacttt | 360 |
| atgtaaagta | agaactataa | gtctccatgt | taatattgta | ttatgagtat | gacagttctt | 420 |
| gggtgggtcc | tcagggcagg | tctgtcacct | tcaacaaagc | ccgagtttcc | taattctaca | 480 |
| gagctggtat | ttggatgtaa | tcaaatcggg | tttgcagggtg | gccaaagatg | aaaacttgct | 540 |
| caccaatcca | gctctcccca | ctgagggata | gcatgggatg | tagatgggtt | tgactccatt | 600 |
| tggcattttt | gttcacggnt | ttttatgaga | tggagagggtg | agtgttggtg | ggtgtccatt | 660 |
| ttggttggcc | tcaaggaaat | gactctattg | agtggttttg | accaatgcac | tcatatagtt | 720 |
| atgtggtaag | tgaaggatgg | gggtcctgta | cacaaccacc | cactagttct | nttctccacc | 780 |
| aaaaaggaat | aaaagttttg | ctttcattct | caaaaa | | | 816 |

<210> 4005

<211> 786,

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4005

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| ttnnnnccnt | tnnnnnnnnt | ttgaattttct | ttantacaag | ctacttggtc | tttttgagg | 60 |
| atcccatcga | ttcgaattcg | gcacgaggct | ggaggctgtc | agaaggatgc | tgggggtgaa | 120 |
| gacaccctgg | ggtcctgaca | accattggga | gtgtctggtg | ctcctgggtg | agagagaggg | 180 |
| ccagttggaa | aagcctgcag | gccagccct | ggggcagaac | tgagtgtggc | gggtgctggg | 240 |
| cacaggatat | tccccagg | gcttagcttc | atgcattcag | gcttaccttg | aggctccaag | 300 |
| cttattggtg | gcataagctc | tgcagatccc | tcacctgcca | tcagcctcat | ctgaatcttt | 360 |
| gtctttcttc | agataagccc | ttaggcacca | gcttagacac | ctccaagaac | caggccccgc | 420 |
| tgatgcaaga | tggcagatct | gatacccatt | agagccccga | gaattcctct | tctggatccc | 480 |
| agtttgcagc | aaacccaca | ccccagctca | cacagcaaaa | acaatggaca | ggcccagagg | 540 |
| gtgaagcaaa | cagtgtccct | tctggctgtg | ttggagcctc | cccagtaacc | acctatttat | 600 |
| tttacctctt | tccaaaacct | ggagcattta | tgcctangct | tgtcaagaat | ctgttcagtc | 660 |
| cctctccttc | tcaataaaaag | catcttcaag | cttaaaaaaa | aaaaaaa | aaactcgagc | 720 |
| ctntaaaact | atagtgagtc | gtattacgta | gatccaacat | gataanaaca | ttgatgaatt | 780 |
| tgga | | | | | | 786 |

<210> 4006

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4006

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| attccatcag | ctcttggtct | ttttgcagga | tcccatcgat | tcgaattcgg | cacgagggga | 60 |
| attcgaccaa | catggagaaa | ccccgtctct | actgaaaata | caaaatagcc | gggcgtggtg | 120 |
| gcatgaacta | ccacactcgg | cagcatattt | taaaatgcag | ttatttctga | aagttttttg | 180 |
| ttttacacaa | tttttttttt | aggtaataag | atgtattgta | aggattatgc | ttacgtatgg | 240 |
| tacagagtat | acttcacatt | gttcctgtct | tttttggtgg | ggaggggaatg | accgaaagca | 300 |
| ttgggaatgt | taaaggcaaa | tgagtaaaaa | gaaaactaaa | aaacgattac | ttcttcaaat | 360 |
| aatgaggaaa | gcgtttttta | aatttttgtc | tgtttttaaa | aagcaagttt | catgttagat | 420 |
| ttcttaccac | actcaattat | ttcctaatat | aaaatagata | taaaatttgt | gatttggttac | 480 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| tttttatgta | agcatatata | gtccagttcta | aaatgaccaa | cttccaaatg | tgttccagaa | 540 |
| aagaatcatg | acattttata | gctgaaaagg | acctaataat | ccagtccttt | taatataaca | 600 |
| tatggtaact | gactccttgg | gagtataaaa | ttaattattt | aagaaccagg | taagatagta | 660 |
| gccagagcct | agaaccaatn | actcagatgc | cccttatcca | ttctaataatt | ccacagcatt | 720 |
| ttctagaaac | ctcacttaan | gcanttaatg | tggatagggg | tttacctcna | aaatagtcaa | 780 |
| ncccccaa | gtagccaaat | acctaaggng | gccttttttg | nttcn | | 825 |

<210> 4007

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4007

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| ttagnnnnng | tttaanccct | tttgaanttt | ttanaanaca | agctacttgt | tctttttgca | 60 |
| ggatcccac | gattcgaa | cggcacgagg | gcagctgggtg | agtggctctc | tgccgcacagt | 120 |
| gttcgggact | accccgctcc | ccatggcctg | cccagcgctg | agtgagagcc | agcccaagtt | 180 |
| cggccacttc | ctcgagttca | tggatgagtt | ctgccaggag | cccacagcca | gtgactcaca | 240 |
| aggctagagc | tgtgcatggg | ggctgtgtgc | accacccggc | ctgtgcccc | nctctccccg | 300 |
| agggctctgt | gccctggacc | gcacctcaag | ggtgaccagc | cggccacagg | cctcagagct | 360 |
| cagctggggc | ccacttgctg | gccacaaggt | ggcatcccct | tgtcaggatc | tccccctcct | 420 |
| ggcccaggca | tgacctgggtg | cctggccccg | cggcaataaa | gagtgggtgc | acagggcaat | 480 |
| agactgggtg | ccacatgcat | tctttcttgg | aacccancca | cagcaacatt | gtcacacttc | 540 |
| cctctaaaaa | tggttttcca | gntcagatgc | aacaggggata | cattttgttct | ctgttgtatg | 600 |
| agaaactgac | accaagggga | tcttaacaaa | ttcctgaaca | atggcttcaa | aaaaggatat | 660 |
| ttttaaaaaa | cagatcttgt | gagtacaagc | cctaattgtgc | anggacaggg | tcatcctgta | 720 |
| tattcgttct | ttactcaaac | tctttcttgg | ttccttcatt | angaagcatg | aatggttgaa | 780 |
| tgtgaac | | | | | | 787 |

<210> 4008

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (464)

<223> n = A,T,C or G

<400> 4008

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| tattcnatnc | agctcttgtt | ctttttgcag | gatccctcga | ttcgaattcg | gcacgagagt | 60 |
| acgagagcaa | agaatgccca | gagatgacac | tagtgatttc | ttgaaaaact | cattattgga | 120 |
| atctgatagt | ggcttttatt | ggggcttacg | gtgagacata | tcttgccatt | gaagatgacg | 180 |
| tcctccctcc | accatcacag | ttgccctctg | cacgggagcg | caggangaac | aaatggaaaag | 240 |
| gactagacat | tgatagcagt | cgtncataatg | tagcaccaga | tggtctctct | ctaaaatcta | 300 |
| tatccagtgt | aaatggtgat | gagcttagag | tgagaaaatg | aggaacgaat | gcgaagactg | 360 |
| aatgaatntc | acaataaacc | tattaataca | gatgatgaga | gttcactggg | tgacctgat | 420 |
| gacatcatga | aacacatagg | ggatgacgga | tcaaactctg | tagc | | 464 |

<210> 4009

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4009

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| tttgaaacct | ttgatacaag | ctacttggtc | tttttgcagg | atcccatcga | ttcgaattcg | 60 |
| gcacgagatg | cctagtgggc | tctgagtgtg | ggattcttga | acctgctgat | ttgcatttca | 120 |
| cctgtagttc | tacagtaaaa | aatgatttta | tataactttt | ggtatataag | tctcaaaaag | 180 |
| tgtgagtcag | aagagatgaa | acattatatt | taaaatttca | tatcaaagct | tctaatacaa | 240 |
| cgttgctaga | gccatggctt | ggaaataaat | caggaaaaaa | ccctcaaata | cagaatcagt | 300 |
| tgtgttaatg | cactagaact | tgctttctgc | tttaaagcca | taattaatca | tttaaagtct | 360 |
| ggataaaaac | catgtgtttt | gtcttttagaa | aagggtgttg | gtggacttca | aggttttagat | 420 |
| ctgtgctgtc | ccatacagca | gccactagtc | actagcgggc | ctggctattg | agcacgtaat | 480 |
| atgtggctat | tgagatgtgc | tctaattatc | aaatacacac | caggattcaa | agacctanta | 540 |
| caaaaaaaga | atataaaata | tctcaaaaat | attattgtat | tgattacatt | ttaaatgata | 600 |
| atgggttggg | catattgggt | taataaaaaca | catctctnaa | taaacttttt | aaaaaaaact | 660 |
| tttcaaaaatg | catctatgaa | aacatttgaa | antatatatt | atggcttctg | cttacgactt | 720 |
| ggatcatgtt | tatgttgggc | cacatagttt | aaatcnttta | tatctn | | 766 |

<210> 4010

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4010

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| ttgaancnnt | ttannccctt | ttgaaanctt | tatacaagct | acttggttctt | tttgcaggat | 60 |
| cccatcgatt | cgaattcggc | acgagaagac | acttcctctc | cggaaagcca | gtcatattca | 120 |
| tcccagcgtc | tttcttggtg | tctgtgcatg | gataaagcct | ccccattccc | ccgtgcccc | 180 |
| caccactttg | tgctcctttca | ctttgcttca | cttatgtgcc | caccactcca | gggctccctg | 240 |
| aggtccagga | attccatgcc | attccctttc | acatggctga | gagccccagc | cctgtgggatg | 300 |
| agctgtcctg | agtgggcact | cagtaatgtg | ggcgttaactg | aaccaagctg | aagagggaag | 360 |
| gagcaaaaaa | caaccagaag | ccctcagatt | cagagtcatg | tcgttaaaca | ctttttaaaa | 420 |
| taaaaaatta | gctgtgcaaa | ctgaaatcaa | tttaaactat | tttctttgac | taggcaggaa | 480 |
| agaggagggt | gctacatatt | aagaactccc | acttaagcca | aaccttcatt | ttccaatct | 540 |
| ccaagcaggc | attgaggggc | tctgggctgc | gtgtgggaga | gccaggaaga | aagaagagta | 600 |
| ggccttgctt | ttaagggtcct | tcctgcctaa | agcaatctat | aggcagctgt | gtttctaaca | 660 |
| aaacttttat | ttataaaaaca | ngcagccagc | cagcctgcct | atgggcagta | gtttgccaac | 720 |
| ctgtgctgta | aattaaaaga | agcttaagag | atctgtcaga | tagtgataat | gtatgcacat | 780 |
| tatt | | | | | | 784 |

<210> 4011

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

```

tttnannnnt ttannncnnt ttgaaanctt tatacaagct acttggttctt tttgcaggat      60
cccatcgatt cgctcagcca ccgtctcctt acctgactcc tctgggaaag agtttcccta      120
ggttaagcca tacagggata gggtaggaga tgccatttgg atctaggagc agagggcaga      180
gcctcagcag gaagagtgtc tctttgagaa ggagacacag tggagcaggt gtgtagggtc      240
acagggccag ctatgggtag agtcgggtgt acatttttag aagccacaat tccccaaaaat      300
ctcctgacta taacatcagt gcacagagcc agtcaaattg aggaggagtg ggtccaggca      360
attcaggaag aaggaaagta acaaatgagt ggttgcagga ggacactttt tctgtcgagg      420
tcactaaaca aaacattgtc tcctcccctt aacttcagaa acaatggagg gtaaaagtgt      480
cgcttgggccc ctggggggcaa agacggtaga taacttctct gtcgtgttct ccagaagggc      540
ccaacaatta caaggttcta cggttctaaa ttccaatcta gtcttccaca tcattttgaa      600
ggtataatat tacttgtcaa agtgggatga tagaagatat gtgtggacat aaattgttgt      660
caaggaaaaa aacttaataa agaaaataag agaaaaaatn tntgtatgta cagtgggtac      720
tagaaatatg ccttttaaat atttggcatg tggattgtgg cctcatcttc actcagtngn      780
a

```

<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

```

tgancnnttt gaancnnttt tgaatntcnt tacanttgct acttggttctt tttgcaggat      60
cccatcgatt cgaattcggc acgagattca aagtacattt gacaaccacac tgcaagttgt      120
ggcatacatg ggtgccatga accatgacac caactacagc tttcagggtc aatgtggctt      180
aattgtgggt ggctacaaa gatggatcac ctgcccaccc acatttcatg gatgcagagc      240
tctgttccca gtactggacc aagtggcttc ttcgactaga agaataatcg gaaaagaaaa      300
agaaccagaa tattcagaaa ccagaatatt cagaataggg agcaagttgc tatttgggaa      360
cattcagcac cttctcacag tttgggaaca tatattgctg tttactccag tgtaaaaatg      420
aggtgccact ggatctgagt gctacacgaa cacaagtaga agtattaatt tgttgaaatg      480
tgttgttacc aaaaagactg aaaagcccca aagtctagat ataaagacct agacttcggc      540
acgcgaaatc ccactatgct acctcttatt tacctgaaag gaggacacgc aggatgggca      600
gtcatgctgg tgactcttgt actcccttga gggacattgg tggggggggg gcgtgggtccc      660
angcaggatg cccantcttt gactganatt ggaangcant gangnttgag ggtgccaaaa      720
attncccang gttcaccag anggggangg gctacatgcc ccantgtgt gcangggagg      780
acacn

```

<210> 4013

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4013

```

acctttaaac ancttntgaa ntncctgcac gateccatcg attctanttc nntnccgagg      60

```

| | | | | | | |
|------------|------------|------------|--------------|------------|-------------|-----|
| cagccnccan | cncgantng | gcacnagctc | nanagctgct | gcttttcccn | tgccnganaa | 120 |
| cnttnanttt | agtcctggat | tctgtcacan | aacatntnan | ctgccnttnt | ccctnnggag | 180 |
| aattganntg | gnaacctact | tnagnggcat | gaaaaaacct | agacntctcn | gaannnganaa | 240 |
| ccaatnngcc | cttattgaga | ntactgatng | atngtannac | canagggaca | cccngnncatc | 300 |
| aatacatacn | ggctgntctt | gectntttca | aggggtgggtcc | aaacgnccat | nctanggnctc | 360 |
| ggatcantat | gggtntgccc | aagcgatcag | aacncgagcc | atttgcttag | ctgcgggaat | 420 |
| gaacanggn | cttgganacn | ggcatctata | tacacccct | ttcnttttnc | cccttgatng | 480 |
| gaagcttctc | tganatgaca | ctctcaaaga | tgngttctgn | agtgacttat | tgccaaagca | 540 |
| ccactnncc | tngttgagtt | taaganganc | acatttgggc | taaggggcct | ntgnttngat | 600 |
| gtaaagtgat | ctcctngngg | tctacatttt | tcntaaataa | tncttatga | tccaccatga | 660 |
| gtntgaatac | tttgcttggg | acatanctg | ccnatcattg | cctggaagct | gccacaagta | 720 |
| cngnagtc | tggggcaaat | agcttcaaat | tttttgnact | ctcaagccca | tgtcacatan | 780 |
| tt | | | | | | 782 |

<210> 4014

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4014

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gnaacctaga | aacaagctat | ttgacttcnt | gancnttcna | acaagctact | tggtcttttt | 60 |
| gcaggatccc | atcgattcga | attcggcacg | agcagagatc | tgcaaattac | agcccacatg | 120 |
| ccagctgctt | gtttttgtaa | ataatgtttt | accggaatcc | accactccca | cttgtttaca | 180 |
| tatcatccct | ggctgctttt | atgctacant | gaagtgggag | gggttgagta | gttgaaacaa | 240 |
| agaccttatt | gcttgcaaag | tctgaaataa | acacactcac | acacactgat | ttatgtatag | 300 |
| aatatgtata | caaatatatc | ttttatttat | ctattttttt | gagattgagt | ctcgcttggt | 360 |
| gctctgncgc | ccaagttgga | gtgcggaggc | aagatcctgg | ctcactgcaa | cctctgcctc | 420 |
| ccaggttcaa | gtgattctct | tgtctcaacc | tccaagtag | ctgggattac | aggcacatgc | 480 |
| cgccatgccc | agctaatntt | tgnattttta | gtagagatga | ggttttgcca | tggtggccag | 540 |
| gctgggtctca | aactcctgac | tttttagtgat | ccgcctgcct | ctgcattcca | aagtgatggg | 600 |
| attatangcg | tgagccactg | tgcccggcct | acaaatatat | nttttacagc | acatntcaat | 660 |
| tnctattaac | tgcattttca | aatgttcagn | aggcaccac | tgggctttgt | atcggnntgt | 720 |
| actgggccc | cacaaatcta | aaatngctgn | atccttggn | cctcctacct | cctggtacct | 780 |
| tatnagaata | agcn | | | | | 794 |

<210> 4015

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4015

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttgaaanct | ttatacagct | acttgctttt | tgaagacctt | ncanacaagc | tacttgttct | 60 |
| ttttgcagga | tcccatcgat | tccaattcgg | cacgagagaa | gatgaccgag | agactcttgt | 120 |
| cagccaatgc | agggacacac | tctgtgttac | caagaactgg | ctgtctgcag | atactaaaga | 180 |
| agagcgggat | ctctggatgc | aaaaactcaa | tcaagttctt | gttgatattc | gcctctggca | 240 |
| acctgatgct | tgctacaaac | ctattggaaa | gccttaaacc | gggaaatttc | catgctatct | 300 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| agagggttttt | gatgtcatct | taagaaacac | acttaagagc | atcagattta | ctgattgcat | 360 |
| tttatgcttt | aagtacgaaa | gggtttgtgc | caatattcac | tacntattat | gcagtattta | 420 |
| tatcttttgt | atgtaaaact | ttaactgatt | tctgtcattc | atcaatgagt | agaagtaa | 480 |
| acattatagn | tgattttgct | aaatcttaat | ttaaaagcct | cattttccta | gaaatcta | 540 |
| tattcagtta | ttcatgacaa | tattttttta | aaagtaagaa | attctgagtt | gtcttcttgg | 600 |
| agctgtaggt | cttgaagcag | caacgtcttt | caggggttgg | agacagaacc | cattctccaa | 660 |
| tctcagtagt | tttttcgaaa | ggctgtgac | atctattgat | ccgtgatatg | acttggtact | 720 |
| agggtactga | aaaaaatgtc | taagcctttc | agaaacattt | ttagtaatga | ggatgagaac | 780 |
| tttttc | | | | | | 786 |

<210> 4016

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 4016

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| ttttgaaccn | ttanacancc | tcttgnnttg | aaaacctaga | nacaagctac | ttgttctttt | 60 |
| tgcagggatc | ccatcgattc | gaattcggca | cgagaggacc | tccagttaaa | tttgaatttc | 120 |
| agatgcctat | gaatagtttt | cagtataagt | atgtcccatg | caataacttg | gatacgattg | 180 |
| tgctgaagtg | gttttctattg | tttgtctgaa | cttcaaattt | aactggacat | cctgtatttt | 240 |
| tatttgctgt | cttgcaactt | ggttctgaga | gagagaccg | agttcttccc | attcacactg | 300 |
| tgtgttgggc | agggcatttg | ggccacttga | tggtggctag | gtaggttctc | atcttgagaa | 360 |
| accaaatttc | tgattcccag | ctctgtgccg | gtactgtgcc | tttttccact | caagatctta | 420 |
| aaactttgcc | taggaagaga | agggtcggga | aatgggtggga | tggggacttg | agtgttaatt | 480 |
| tctgagtctt | cttctgggg | tggattgctt | ctgtgccatg | gtctttgttt | ccggttgtag | 540 |
| gtgctgaccc | catatgctgt | ctcgactgca | atgacaaagt | atctaaatac | aaatgtgata | 600 |
| accaagactg | ctgatgagtt | tgcaaaaagt | cattgaatta | tgtcacaatt | ggaggtgaaa | 660 |
| cctgtggctg | ccttgcccat | gaaatcttgg | cgggctttct | gancctgatc | ccngcctggg | 720 |
| ccttctacag | cgggtgcctt | caaaagctgn | tcctgaccac | tatgtggcat | acctgaactc | 780 |
| ant | | | | | | 783 |

<210> 4017

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4017

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttgaaccntn | nnncttttg | aatttgaaac | cttnaaacag | ctacttgttc | tttttgcagg | 60 |
| atcccatcga | ttcgaattcg | gcacgaggg | aacttctctg | anagngttcc | ttgtaaggct | 120 |
| cttatgaaca | gtcgccatat | atatatagtt | gatgggcngg | gaagatctgg | gangtnagca | 180 |
| nnaagagcct | ttagttccgc | cncatagaac | aaantagagg | tcacaggttc | natgccctga | 240 |
| gatatggaat | tgaaatntta | gacttcaggg | tcatagactc | ttggaaggaa | nactagagta | 300 |
| cattcntgac | cctcnccett | aattncttna | caggngngaa | aaccangagc | tnngaaaaat | 360 |
| mgttattcc | tcantctccag | ggctacctnc | gatctgtgtt | tgctctgacg | aatggaattt | 420 |
| atcctcacan | attggtgttc | tnnntgtctt | accaccta | tannntnctg | ctacccaaaa | 480 |
| aaaaaaaaaa | aaactcgagc | ctttanaact | atagnagatc | ggattacnnc | natccngnca | 540 |

| | |
|---|-----|
| tgatangatn cattgntgag nttggacaaa ccnnanctag aatgcancga aaaaaatgct | 600 |
| ntattttgcga aatntgggat gctnttgctt tattttgtaac cattataagc tgcaataaan | 660 |
| aagttanaca acaacaattg cnttcatttt atgtttcaag ttcaggggga ggngngggag | 720 |
| gttttttaat ttngcggncg nggcgccnaa tgcattgggn cccggacceca ncttttgttt | 780 |
| ncttta | 786 |

<210> 4018

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4018

| | |
|--|-----|
| nnttactata naatacaagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg | 60 |
| cacgaggcga gctgaagtac acaaagtttc aaggccngaa aatgagcact canaaatgat | 120 |
| aacaagagac aagtagctcc aggtgtcctt tcagctccaa ggagagggcg tgggggtcat | 180 |
| cggggtggca ggggaagatt tggatttcgg cgagatgggc caatgaaatt tgataaagac | 240 |
| tttgactttg aaagtgc aaa tgcacaattc aacaaggaag anattgacag agagtctcat | 300 |
| aataaactta aattaaaaga agataaactt gagaaacagg agaagcctgt aaatgggtgaa | 360 |
| gataaaggag actcaggagt tgatacccaa aacagtgaag gaaatgccga tgaagaagat | 420 |
| ccacttggac ctaattgcta ttatgacaaa actaaatcct tctttgataa tatttcttgt | 480 |
| gatgacaata gagaacggag accaacctgg gctgaagaaa gaagattaaa tgctgaaaca | 540 |
| tttggaatcc cacttcgtcc aaaccgtggc cgtgggggat acagangcag aggangtctt | 600 |
| ggtttcctng gtggcanaag gccttgggtg tggcaaangt ggctcctcct tgccctcgan | 660 |
| gatttcnng ntggattcaa aagaagtcgt gggggcccgg agtttgcgga ttttgaatnt | 720 |
| aggaaagaca acanaagttg tgcntagtct acaaacaag | 759 |

<210> 4019

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4019

| | |
|--|-----|
| gaatccnnta cnatananac aagctacttg ttctttttgc aggatcccat cgattcgcctc | 60 |
| ggacataaat tattttcattc acaccatctt nccttcccac acacacacce tggagcaaac | 120 |
| actggcaccg cntctaacia ctcaaggctg tgtcccagg atgactgctc cagctntctt | 180 |
| acgttctgcc tganagcctg ccaagagaa caactgtttg atagggccca tctacangct | 240 |
| ttgtganaga gtnggggcct aattttgtta anctccannt tgtaaagcca nanagcctaa | 300 |
| tcgcgtngac anccncttc ctgcttttca aanattatct gcttncctga atactgccta | 360 |
| tgctccctn ctcctccctt attctcccta ctgcagnagt gantatggat gaaattatgt | 420 |
| ncttctgta ttaactcagg tcancttggg ttgnntttgg caccgggnac aagtgcgtgt | 480 |
| gggtctgctt gnaccactat tccccaaang ccactggtag cacanatcaa caaatccttt | 540 |
| nctctnagct catntgttga gaaattatca ggagccatgg gaagaaatta ctattttnat | 600 |
| catgntagaa atatatttca nngtgtnttg aagagtgtna ananttgaaa ntgggaaaag | 660 |
| gatttnangc tgcacttggg angcaanat atgaacctta ctatggcact nnggactnaa | 720 |
| agtangatga gccccantac tgacccccag gccngnt | 757 |

<210> 4020
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 4020

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| gaattcctta | cnatananac | aagctacttg | ttctttttgc | aggatcccat | cgattcgaat | 60 |
| cggcaccaga | ctggcattct | gctgttctca | ggagctccgc | tttgatggat | ggctgggcag | 120 |
| cctgtgctgc | atggaccacc | agtggttggt | gaggtgggtga | antgtgtccc | cgctaactcc | 180 |
| actctgggca | gtnaactgaa | nagggagcaa | agcccatgaa | atgggccttt | gtggcagtgg | 240 |
| tggaggtaga | gtgaccaca | acaaacctcc | ccacttgtnc | ctnnccattc | agnngntcca | 300 |
| gaggcagtga | gcttggaaatc | ttaacangag | agatcttggg | gtgggggtgtg | gactttccac | 360 |
| aaaggcatta | cctacatgca | cgttccctta | cacatgtagc | cttccaatct | catacntaan | 420 |
| ancacttatt | taagtnaaat | atgcctatct | caacagcaag | aactntggnn | tggggagtaa | 480 |
| agatntttnt | anttnactat | ttagtattaa | ctgagtaaag | atttaaaaag | gactggatgg | 540 |
| gggtgggcac | atggggctgg | ggtgcatttg | ctntngctct | acatttatga | aagaccncaa | 600 |
| atncattatg | tgacattttt | tnaaacaag | ggtatatata | ctacancaga | tacacaggng | 660 |
| ctagaanaaa | agtncatcat | aaaacttcac | actnnggggt | gtattacaaa | accacatagc | 720 |
| ttcatnngga | nttatgatgt | cnggaaaaat | tattananct | tgtnt | | 765 |

<210> 4021
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (790)
 <223> n = A,T,C or G

<400> 4021

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| ttnanncctt | ttnaannccn | ttttnanttc | cttactatan | aatacaagct | acttggtctt | 60 |
| tttgcaggat | cccacgatt | cgaattttgc | catcttttat | caggctttct | gtgtcagagga | 120 |
| cgctaccac | atagagtaga | agctaaaggg | aagggatgtg | aagtgcctc | accctcagct | 180 |
| tctanctcat | ggtgtcaagg | cttgtgtgat | cttagacacn | tctgcctctt | ctgagcctgt | 240 |
| ttcttcatct | gtnaaacang | gatgggaggt | tgtggtnaan | attccacagc | aacactgcac | 300 |
| acgcatnaan | tacctnggcc | agggatgact | cggcngacct | cattttccct | ctgcctcctg | 360 |
| cctanagctg | ttagcaagca | tccatcatgc | ggntcacaca | agagctcccc | cnggagggtta | 420 |
| cagaaatgaa | ggcngcagcc | ccagtncttg | ggtagcctgt | ttccccttga | aggaaacaga | 480 |
| ctcaatatca | gcaacacaga | gtgaatgacg | ccaggggtggc | naacnggcct | ttcctgnagc | 540 |
| aaatgcggga | ggcttcatgg | agatgacgtg | ttatgaacan | cactcatctt | acgctgggag | 600 |
| cagcacatgc | ccccggcang | gagccagtcc | ctgtcttcaa | atacagtcac | actgnggggtt | 660 |
| naacaatgtg | taaatttggg | ggcgatacaa | acattcagtc | cataacaccc | ctataaccna | 720 |
| acccttaggc | aancactaat | ntacatntta | tctttacaga | tgacctattc | tggacatgtc | 780 |
| atatnaatgg | | | | | | 790 |

<210> 4022
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 4022
gagnnnnnttg nancccttnt gaaatctttt aacacaagct acttggttctt tttgcaggat 60
cccatcgatt cgaattcggc acgaggggtgt gcggctgtaa tttgagctat tcgggaggct 120
gaggcaggag aatcacttga acccaggaga cgaagggtgc agtgaccoga gatcgtagca 180
ctgcactcca tcttgagtga cagagcgaaa ctccatcttg ggggaggaaa aaaaagaaag 240
taatagggag gcaaatacaga atttgtgtgg gagtaccctt tagttctggc tcttgtagt 300
atactcaacc tgtcaggcta ttctgagagc gaaagctcct gctttgggct agtttccatt 360
cagaatgggt tttgataggt atgaactagt ctaagcaca gtatacttct gtgtaagtag 420
catagctcct ctacttggct tcatagcatt ggacattaat agagaaaatg aaaaaggagg 480
gtatggtacc tgccttgaat agcatttgat ttttaatcct acatttatca gagccccagt 540
ttttaaaatg ttttaatagcc agatgtgctg tttgccaggc ttanaagttg gtacttctgt 600
gaatgaaaaan gtgtgactga gtcacataaa ctggtattca gctagccag tcatcagttt 660
attccatatt caaggggaaaa ccaaggctgn ttttctctt tatactttga agatgatggc 720
atttaaaatc aagtaattgg ggctgggtgt ggtggnccac atgtgaaatc ctaatgcttt 780
g 781

<210> 4023
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 4023
gnttatanat acagctactt gttctttttt caggatccca tcgattcgcc cctttgcctt 60
ccaccatgat tataagtttc ctgaggcctc ctgggacatg cggaattgtg actcaattaa 120
acctgttttc tttataaatt acccagtcct cagcagttct ttatagaagt gtgaaaacag 180
actaatacaa tcttgaagca tttcatcaaa gaattgtaac aggagatgaa acatggcttc 240
accagtatga tcttgaagaa aaagcacaat caaagcagtg gctatcaaga ggaggaagtc 300
aaagcaaagc agaccagtca agagcaaagg taatggcaac agttttttta ggatactcaa 360
ggtattttcc ttgttgactt tgtggaggac caaagaatga taacattaat ttgcctattg 420
agagtgtttt gggaaagtta gccaaagctt tagcagaaaa acacctgaga aagcttcacc 480
agacagttct tctccaccgt gacaatgctt ttgctcatgt ctctcatcat caagaacaat 540
tttgtagtag tttcaatggg aaatcttttag gcatccacct gatctggctc cttctgactt 600
ctttttgggt cttaatctta agaaatctgt caangggccc ccagttttct ttaagttaat 660
aatgtaaaaa nggctgnatt ggatgtgggn taaagtcttc cangaacctt aagttctttt 720
angnggtcc tnaaanggct ggggggcatt tttttaccna aaggggncnt tggaaattg 779

<210> 4024
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4024

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|
| taatcncttg | gttttcta | cntgggnctc | gnactttctn | cannanccnn | tgcgntgcga | 60 |
| attcggcacg | agcccagccc | tagatactgg | cactactgag | gaggatcggt | taaaaattga | 120 |
| tgtaattgac | tggttggtat | ttgacccagc | gcagagggca | gaagcactga | aacaaggcaa | 180 |
| tgcaattatg | agaaaattct | tgccatcaaa | aaagcacgaa | gctgcaaaaag | aagtatttgt | 240 |
| gaaaattcct | caggattcta | tagcagaaat | ctataatcag | tgcgaggaac | aagggaatgga | 300 |
| aagtccactt | cctgctgaag | atgataatgc | tatccgagaa | catttgtgca | tcagagctta | 360 |
| tttggaagcc | catgaaacct | ttaatgagtg | gtttaagcat | atgaattcag | ttccacaaaa | 420 |
| acctgctttg | atacctcaac | caactttttac | tganaaaagt | gctcatgaac | acaaagaaaa | 480 |
| gaaatatgaa | atggattttt | gtattttgaa | agggcatttg | gatgccctaa | ctgctgatgt | 540 |
| gaaggagaaa | atgtataacg | tcttggtgtt | tggtgatgga | gggtggatgg | tggaatgttag | 600 |
| agaggatgcc | aaagaagacc | atgaaagacc | catcaaattg | gtcttactga | gaaagctttt | 660 |
| gtctgccaat | gttggtgttc | ctgcttcac | gatattgcac | agtacttgtc | aantttcaag | 720 |
| gaatgccctt | canttagcag | aatatnggna | ttcctttgag | cgcccacaaa | cttg | 774 |

<210> 4025

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4025

| | | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|------------|-----|
| gnattatata | cagctctt | gt | tctttttgca | ggatccctcg | attcgaattc | ggcacgagct | 60 |
| catcacactg | ttgtatactt | cgtagctatt | acttctttta | tccccaagga | cttggtttaac | | 120 |
| aaagtgttct | tcagtttcta | cttcctagtt | cctttgtgga | actggtaaaa | attttaaata | | 180 |
| tcttaacata | atattttatt | tcaaatgata | aacagtaagg | taaaatgtgg | tttttcttgg | | 240 |
| acaacttatg | gtagaatgat | gtctagaata | tttagttatg | tcattttaata | ctttttttct | | 300 |
| ttacaattta | aaaaaaaaatt | tattttattt | tagattcagg | gggtacacgt | gcagggttgt | | 360 |
| tacatggcta | gattatgtaa | tgccgaggtt | tggcctgcta | gcgcagccat | catccaaagt | | 420 |
| gaccctagta | cccaataggt | agttttcaac | ctgtgtgcct | cctcttctac | cttctctttt | | 480 |
| ggaatctcta | gtctattact | tccatcttta | tggtcacatg | tactcattgg | ttagctncca | | 540 |
| cttacaaatg | agaccatgtg | gtatttgatt | tctgggtctg | agttacttct | tttaggatag | | 600 |
| aggatgaaaa | agagtgtacc | tccacttcat | ccatgtgctg | cnaagacatg | attcattctt | | 660 |
| ttatgggtgga | tattttacct | ttttgcnagg | gganagatta | aattggccan | ntatgaaaaa | | 720 |
| tgctgnatcc | ctat | | | | | | 734 |

<210> 4026

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4026

| | | | | | | | |
|------------|-----|------------|------------|------------|------------|-------------|-----|
| aagtttaa | ac | ctgctctngt | ctttgcggat | ccctcgattc | gaattcggca | cgaggggggtt | 60 |
| gggggtg | gga | ccctgggatg | gggggagaag | cagctgtttc | tggagagaga | aggggtcatg | 120 |
| gtggcccc | cag | actgtagaga | tttttatgtg | tttgatata | tctgctgtgt | ggaaaaaaaa | 180 |
| aaactacaa | a | aaccctaatt | ttgtacatac | tgtattttta | ctattgaact | gtattctagt | 240 |
| ggctgttcat | g | ctccaagac | tttagttacc | gagacatgaa | tactatccat | gtaataagca | 300 |

```

cttgccctgga ataaaatata aaactgaaat aaacctgcac tgaaacctga aaaaaaaaaa 360
acaaaaannn anaanncnta aaananccca aaaanaanta aaaaaaaaaa ccnnggccct 420
ttaaannttt ngggngccgt ttancttaan cccnnmnttn ntannacctt nnttnatttg 480
ggnaaacccn cantttaatt nccggnaaaa aatgnnttnn ttgggnaant tgggaancct 540
ttngctttnt tngaaccntt ttttaagntgc nataananag ttaccnncna nnttgncctn 600
nnttttaagg tttcaagggt ncaaggggga aagggttttg naagggtttt tttaaattnn 660
cnggggcccc cnngggnncc ccaattnncn ttttgggccc ccgggncccc ccaagntttt 720
tnnnntcccc cttttnangn naaagggggt ttnaatttgn ncccccntt tgggcnnnna 780
aaannnnngng gggnnnnntn aancntnnt nnnccctng nnnnnnaaaa aaattnc 837

```

<210> 4027

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4027

```

ggnnnnnnnn gnntntaata nncagctact ngttcttttt gcaggatccc tcgattcgct 60
gccatgtcta gtgggctctt ctgggctccg tcctgagttt gtcacacctc ctagggccca 120
gaggagatga tgtggtattt ctatcactaa aaggagttca agaccagctt gagtaacatg 180
gtgaaaccct gtctccacta aaaatacaaa atttagccag gcatgatggc gcatgcctgt 240
aatcccagct actcgggagg ccgaggcagg agaatcattt caaccagga ggtggaggtt 300
gcagtgaccc gagatcgcg cactgcactc cggcctgcgt gacagagcaa gactccgtct 360
caaaaaaaaa aaaacaaaac aggaaaagtc ttagagaaac cttgtgttta ttcagaataa 420
aatgaaatag ttaaaatgtt ttagtgacct ttattttcaa attacatagt cagtatcttc 480
tctcactactg attcctgttt gtatctttac ccaaaatagg agtacacctt tgatcattta 540
ttaattgttt gatataatct tncaaaatat ggtatctggc anaggggggt gngagagagg 600
aagaatagca caaggctttt gtttgggtgc ctgcttgctg gttggatttt gagatccaaa 660
tcaactatth ttggatgaaa tcgtagctaa ttttccctgn aacctntttt ttttttnggt 720
ctctgngccc attggntgct tgggatcagg aaaatgcctt atanttttng gctatttttg 780
catttaa 787

```

<210> 4028

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4028

```

agnntttatn atcagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
ggttttctcc tgttacatca tgctgaatcc tttcccttag ccattagctt ttatgatgtg 120
gtcttcgtag gaaagccacc ctggtgccaa gcctagcttg tggggagggg tatgtgttcc 180
agaaactgct ctttgtgttc ccttcaatga ggaaacaaca tgtgtctact tatgtggcat 240
ccaactgctt ggagctccac acttcccttt cgcgactcag gctctgggtgc tgttgccaat 300
ccttgcttgg caaagactgt togatcatgt ggggtcctta tttacaaggg aaagctgggc 360
cagaaggcta gcaattcang tgttaccgct attgctgtgc cttgtgttan gacattgtgt 420
gtgtgcatgg actgngcctc caaactcagt agttcctatc taaatatnaa gtatattaca 480
aacctggaag tacagaatct caaccttaca gtctttccct tantcctgtg gccttctaac 540

```

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| canctgntaa | cgtgttgatt | ccttncaactt | ccccaaagtag | gcangcacan | attgtganc | 600 |
| ttaaaaaagta | atctgggttcc | tntgactcat | tgaattcant | ttgcgcntct | ggctggaaca | 660 |
| nntgttgta | cagnttttaa | gaaaattgct | ggntgcccna | taagggtggc | ctggtgctcn | 720 |
| gggcctgngg | ctn | | | | | 733 |

<210> 4029

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4029

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| gnnttttagat | cagctcttgt | tcttttgcag | gatccctcga | ttcgaattcg | gcacgagagg | 60 |
| agaaggagaa | agcacatgaa | ggagcaagac | ccatgagagc | catcttctctg | gccgatggca | 120 |
| atgtcttcac | cactgggttc | agccgcatga | gcgagcggca | gctggctctc | tggaaatccga | 180 |
| aaaatatgca | ggaaccaatt | gctcttcctg | agatggacac | tagcaatggg | gtgttgctgc | 240 |
| ctttctatga | ccctgacacc | agcatcattt | acttatgtgg | aaagggtgac | agcagtattc | 300 |
| gctattttga | gatcacggat | gaatccccgt | acgtccacta | cctcaacaca | ttcagcagca | 360 |
| aggagcctca | gagagggatg | ggttacatgc | ccaagagggg | acttgatgtt | aacaaatgtg | 420 |
| agattgccag | attcttcaaa | cttcattgaga | gaaagtgtga | acctattatt | atgactgttc | 480 |
| ccaggaagtc | tgaccctttc | caagatgacc | tgtatcctga | cacagcgggg | ccagaggccg | 540 |
| cgctggaggc | agaagantgg | ttcgaaggca | agaatgcaga | cccaatcctc | atctncttga | 600 |
| acacgggtac | attccangca | aaaacagggg | tctcaangtg | gtcaagaaga | acattcttgg | 660 |
| atagcaagcc | cactgcaacc | aagaagtgcg | anctgatcag | catncccaag | aaaaccacag | 720 |
| acacgggctg | tgancaaaaa | tgaacttgta | ccgaccatgn | | | 760 |

<210> 4030

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4030

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnnttttana | tcaagctact | tgttcttttt | gcaggatccc | atcgattcga | atttcggcac | 60 |
| gaggctgtac | ggagagtgtc | ggaccgaggg | gagctgggag | caggtactgc | ctccatcctg | 120 |
| agctgccgtc | ctttgaaggg | agaacctggg | gtagggttcg | aggagcctgg | cgagaactgt | 180 |
| gcacctcctc | gggaggagca | gccccctcct | gtgctgcttt | ccccctccct | tcaatatgct | 240 |
| ggggcgagga | ccctggcctc | caaagtgcaa | ttccgggacc | ccaaatccca | gcggacgcac | 300 |
| caggctcagg | tggcgttcca | ggtgtgtgtg | cgccctggct | cctacacccc | gggacccctc | 360 |
| tccgctgccc | ttggagaacc | tcctgacctc | cacttcagtc | cagccgaact | tgagtgggtc | 420 |
| actaaggaga | agggggccac | actcctctgt | gccctgctgg | tacgggtgga | atgaggggtg | 480 |
| agacaccact | actacaagca | cagtcggggc | gcggggccat | ggactctgan | tggcgactgc | 540 |
| cttcacctca | ttcccgtgac | tcgtggcatg | cncangtgct | ggancttggc | agccgcncan | 600 |
| gaacatgtag | gcaggctctt | aaatgtagg | ggcaagtggc | acaacttcca | tgtccgaggg | 660 |
| ccacaattcg | gctgatggaa | gagtctnggg | aaccaantt | cagccctggg | acccttttcc | 720 |
| atgcntgatt | ngggaacatg | actcctttta | ctncccn | | | 757 |

<210> 4031

<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 4031
ttttgttcca ttcagctctc gttctttttg caggatccca tcgattcggt ctgctgataa 60
aatattttaac cccaagaaaag tgaaaactaa tataaaatta gaaagaccta tccaaattag 120
acagtcaatt ccattaaaaat aagaagttag aaaaacaatg ttgggcattg aggtgtaaat 180
tttgcccaga tgtataccca gtgtgaaata tcttctaata aaaatatatt tggctcttat 240
ccctgcacat gtagaggcat aaaaattggt aaacatgtcc cgctgtgtag aactttaaaa 300
aaaaggcatt tttgaaaagt ttgagtggca ctgataactg gtgaancnnn nntnnnnnnn 360
nnnnanntnn nnnnnnnnnn nnnnnntnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
ntnnnnnnnn nnnnnncnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnn nnnnnnnnnn 480
nnnnntnnnn nanntnnnnn nnnnnnnnnn nnnnnnnntn nnnnnnnnnn nnnnnnnntn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnaannnnn nntnnnnnnn 600
nnnnntnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnntnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnc nnnnnnnnn nnnntnnnn nnnnnnc 776

<210> 4032
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4032
ngtctaattc tggtctctgt tctttntgca ggatcccatc gattcgaatt cggcacgaga 60
ggggccttac attactttct tgcagcactg atggcttntg nttgaggctg cacaaattcc 120
tgcatttccc ttgggttgaa tggtagggat gcgggcagtt ggtgactggg tgaaccacct 180
gacttgagca gggctacgac tctctctgca aacnaaaccc agagacatga acagtgtgta 240
natttctcag tggtttccca tgtaggctgc tttccaaggg cancaagcat ggcttnatca 300
ctcaccagat gcttctgatt cagcactgtg atgctcgggt aanttttaat gaggtntaa 360
atnttttctg atgtacgagt gtttatgcca acaaagatgc tgaattgtaa acaccancaa 420
tctgagtacc ttcttttgat tncnntctnc atattgaata atccctntat ntttgtgcgt 480
annatgaaat tgcattngat gtatnggttg anagtagatt ggtnatactt tncaaggaca 540
ggcaacaatt tcacgatnna acttcttaaa aattntntnn aacaaatgtn aaaatggatt 600
nttcttccaa aaaacnttt ttcnttttg cacataacca ancaantgac ccngaaattt 660
aaaagtaatt tagngacnn ganttttagat gattaagggc nngtttaacn tttggacagt 720
ttttgccctt ttttaaaagg ctcggantcc nntntagnn aactcgctcc ccnc 774

<210> 4033
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4033

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----|
| gnnnnnnntt | tnaaancntt | gctacttgc | cttgcanttt | cccatcgatt | cgaattcggc | 60 |
| acgaggtaaa | catacaataa | agctgaaaat | tttagtgact | acttatatgc | tcatcatcta | 120 |
| gattctatcc | ttgagtaatc | tattttttata | aagggtattga | tgtaactatt | ttataaatga | 180 |
| aaaactacac | actaaaaacc | aaatatgtga | tctccagcat | cacagaaatg | aaataaggat | 240 |
| ttttttttta | cttaggtaat | attgcttgaa | ctgtagtaat | tcaaagttag | caattttcaa | 300 |
| ggtagaattt | cccatgtatt | actatactgc | ttcacatcag | ctctattaat | aaaagtagaa | 360 |
| cagttgcaaa | ggaactttta | tgatctgttt | tgacaggaca | gacaatttaa | aaagttgtta | 420 |
| ataaaggttt | ttagaattca | ctataagcct | ttcatgtggc | tttagtttagc | cacatggaga | 480 |
| tccgttctgg | gacgaaagt | ggaagtattc | tcaagaagta | aaaaatncca | aataatttat | 540 |
| aggggcacna | gtggtttgaa | gtactgggta | ggattanaag | ngggtcttgg | cattgnccan | 600 |
| aaaccanact | actttgcaca | attatncttg | aattccta | catatccact | agcctactct | 660 |
| cttaaataac | cccagaaacc | ttgctcttaa | catttaagac | aatgggaagg | tcttgctttc | 720 |
| taaaaatgcc | tttattttta | tacccttgc | caataaatgg | aatttnacn | | 769 |

<210> 4034

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4034

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| cgcaattttt | annatnctct | tgttcttttt | gcaggatccc | atcgattcga | attcggcacg | 60 |
| agctcaccaa | ttagcactgc | caccgcagg | ctgtgaattg | catgtgaaaa | tagaatttgt | 120 |
| ccagaagtgc | tcatgcaaat | tgtgcaacac | aaatgtggcc | tccatgtcaa | gtcctttcac | 180 |
| gtgttctgac | agactcatgt | ctttccagat | ttctctgac | ggcgccccc | accccttga | 240 |
| cagttaccag | agctcataag | ccaaaggaaa | tagttcctgt | tgccatgagt | actgtgtctg | 300 |
| tggtgaggtt | tatgagctgc | tcttagggct | gggtttttgc | ctgagaaaac | aatcagattt | 360 |
| cgcttagatc | tgcaaganag | cagattagga | aggggaatata | tgcaaataatc | tatgttaatg | 420 |
| ccccaaacct | ataacttggc | ctcatgggtgc | ttgtgtagca | nttctcttag | agaaaacttt | 480 |
| ttttgcattt | aatatatatt | tcatgntttt | gaaaatctgt | gttcatgcaa | agaaacctgg | 540 |
| aaagcaaaaag | catnagggtca | aatatgaact | tggtntnat | tcatataatt | ggggtatatac | 600 |
| atatcttttg | tgacatanana | cngtnccttn | ataaccatct | ttgcttttnc | attggaaaaa | 660 |
| atncagcttt | cctgangagg | aatatntttt | cantgncnct | nttaaacctt | tnganngnng | 720 |
| tngnngcggn | nanggggcc | n | | | | 741 |

<210> 4035

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4035

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnnttnanat | acagctcttg | ttctttttgc | aggatcccat | cgattcgcag | gactcaagat | 60 |
| gactttctaa | ggtgatttgg | ggatgcagtg | tatgcatttt | tttactcttt | ttgaaaaaaa | 120 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| tcttttcttc | gcctttggag | tgtaacattt | ggatagtttt | attcagccca | taataggacc | 180 |
| aaaggggaag | ggataaaaaa | aaattcttta | aagtacctca | gataaaaagg | ttttgtgaag | 240 |
| aaaaggactc | aaaatcctag | gttatacca | gactttatgt | tcattttgaa | ttttctttat | 300 |
| tcattttttt | cctctctgtg | tatagaataa | tcaggagata | ttggtgggca | gaactgttgg | 360 |
| ttgataacag | gaagcagagt | atctgagaaa | ggccctcatc | ctgtttcctt | ttggagctac | 420 |
| tgaggcctca | catgccagcc | attttaggat | ttgatgaagg | ctagagaaga | gttaaactga | 480 |
| gccttcactt | actcagcatc | agtaggaagt | agtgttggct | acactaaaaa | caccgttgtg | 540 |
| ccagtgagga | tttgggggga | aaatgacaag | ctgcctgtga | taaacaagca | aactgtgaca | 600 |
| aactttttga | tgtgtaggtt | ctgaagcttt | tcaagtttac | cgctcctcaa | agaatattta | 660 |
| tatatatata | tatgccccac | atgcccgaatn | tngcattata | tacctttnga | tntacctgga | 720 |
| aaganaaaan | gatgaaatgg | ccngtaaaaa | ttgganattt | ccaggggaacc | cgatc | 775 |

<210> 4036

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4036

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ngnnttttnaa | tatacaggct | cttgttcttt | ttgcaggatc | ccatcgattc | gaattcggca | 60 |
| cgagcttttag | gttcttgatt | atgtcactgt | aataaagcaa | ccaatggacc | tttcatctgt | 120 |
| aatcagtaaa | attgatctac | acaagtatct | gactgtgaaa | gactatttga | gagatattga | 180 |
| tctaattctgt | agtaatgcct | tagaatacaa | tccagataga | gatcctggag | atcgtcttat | 240 |
| taggcataga | gcctgtgctt | taagagatac | tgcctatgcc | ataattaaag | aagaacttga | 300 |
| tgaagacttt | gagcagctct | gtgaagaaat | tcaggaatct | agaaagaaaa | gaggttgnag | 360 |
| ctcctccaaa | tatgccccgt | cttactacca | tgtgatgcc | aancaaaatt | ccactcttgt | 420 |
| tggtgataaa | agatcagacc | cagagcagaa | tgaaaagctn | aagacaccga | gtactcctgt | 480 |
| ggcttgcagc | actcctgctn | agttgaagag | gaaaattcgc | aaaaagtcaa | actggtctta | 540 |
| ggcaccataa | aaaagcgaag | gaagatttcc | angcaaagga | tgatagccag | aatgccatag | 600 |
| atcacaanaa | ttgaaaagtg | atccagagga | aactnaagga | cncaagtgtg | gatcataatg | 660 |
| aggacccgga | aacnccagga | aagtcttcng | gngggaagaa | aattgaaaaa | ccngccaaat | 720 |
| gccttttgaa | agccaaactg | ggaattgaga | aataattcaa | atncttggaa | atttaggagn | 780 |
| aa | | | | | | 782 |

<210> 4037

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4037

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aanngtttga | anaccnngct | acttgttctt | tttgcaggat | cccatcgatt | cgaattcggc | 60 |
| acgagggttc | ataaacacat | ggctaacaaa | gtaaagcctt | caagtctggc | acagactctt | 120 |
| gactacacga | tgggaaaagg | gattccaatt | acgatttaac | ttgtatttta | aagatgagaa | 180 |
| aagaaatgaa | taagaaaatt | tgttgctatt | tttcttcttc | caaattagaa | tctatatctc | 240 |
| taaaaatact | ttgcatgttt | agtaaacatc | catcttgaac | agaagatacc | ttgacatcag | 300 |
| ttctatttta | tacttatggc | aattaagaga | tttagaaagc | agaggaaaag | acaaaaaaa | 360 |
| agtatgtgtt | acaaagtgtc | atcatgcttg | taggacccca | gcattcttga | aactaacgca | 420 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| cctttaaaaa | gtaatatatta | cactgctgta | aatatttgca | aagtatcaat | gtttaattca | 480 |
| cttagaattt | taaggattat | ggatttacta | gcgaaaattc | ccctaaagca | actttcccat | 540 |
| atcagtaact | tttatttagg | gaaacaagtt | taatgtcata | atacatgtga | ccttggaatt | 600 |
| caatagaatt | ttcgaaacta | gaagtaactc | agaaccgttc | actagatgtg | ttttaaaagg | 660 |
| ctnttttgat | actggcctta | acatttgctt | atttgcaaat | taatatgtaa | agaatgggtt | 720 |
| ctaaaagtaa | gttttaagga | atgggtattt | cnncaaaaat | gttatttcct | attnc | 775 |

<210> 4038

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4038

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| ngnnnttttna | gatacagctc | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gagcccaaac | ctaatttagg | agtaaatttt | ttgtagcaga | tagccagatt | tcagccaatc | 120 |
| acaggcttcc | agctaacaag | actatgcca | aataaggcaa | atgcctcatc | acatgatgct | 180 |
| caaatnaggc | agccacctag | gcnaggccaa | tcaggtaact | tttctacttt | gcttaattgt | 240 |
| tcagcctgta | caaatttgct | gcttatgact | gctgagcaga | gctgtctnaa | cctcttctgg | 300 |
| tttggagtgc | tgccttatat | atgaattggt | ctttggtcac | ataaaattgg | ttaaatttaa | 360 |
| cttctctaaa | gttttgtatt | aaattgtatg | taaaacattg | gtagcacaat | ttggattcag | 420 |
| atacccaaat | attgactatg | ataatgtaaa | taatecttaa | gcagactgat | ttacaaaggc | 480 |
| ctgaacaagt | ttgatattct | gaatattcac | ttcttctgat | gaaaaaattg | ccaagacctt | 540 |
| ncaattggca | gggaaaaaaa | atgtgtgttg | gttaaataag | ttatgtttta | caaccaagaa | 600 |
| catttaccac | aanttaggaa | aactctttac | ctatggccca | nggcacctat | ttttaaacca | 660 |
| cacccttttg | gtaccctttt | ttttaaatcc | ctngaaaaaa | atttntntaa | attaaaatat | 720 |
| ggccttttta | aatattttaat | ttggnanttt | taatanntta | angtggnant | tttaaatatt | 780 |
| tggcccccctg | gttttttggg | ggaaattaat | tgcncgcaat | ttaan | | 825 |

<210> 4039

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4039

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gnnnnnnnnn | ngnnnttttn | aatatacagg | ctacttgctc | tttctgcagg | atcccatcga | 60 |
| ttcgaggata | tgttgacta | gtngttcctt | gtgactggaa | tattctctgc | ccaaactttg | 120 |
| aaaggctagt | tagttacttc | tcatcattcg | ggcttagggt | aagtgtttcc | tccttagagt | 180 |
| tcttcttgga | tttatcttcc | ccccagtcta | aagtgccagt | cacattaatc | tgacatatatt | 240 |
| ctccatacag | cactcatcac | tgattgatna | aaaatctatt | ttgccatntt | tctctctcac | 300 |
| tggaaatatta | tgtgctcatn | aagaagctac | tcgtgtatan | tgntcctgat | cgtctgngct | 360 |
| gcataacaga | ttacctgtgt | catataagg | gcacaataac | tatatgcgnt | gcgtgaatga | 420 |
| ncaaacgttc | tctccagtct | nttttcaaat | cttctattcc | atcacgactg | aaccaaaagg | 480 |
| aaatgtacta | gacgttctgt | ctggcagcct | tgttccatgc | ttagcctttc | antgattgcc | 540 |
| antatctttt | atgatgctgg | gccttngcct | tnaccatggc | tagaatgtta | gantnatgaa | 600 |
| cnaananatg | ccattttgat | ccctgctgog | ttcacctnan | tatggngcct | ggcaagcctt | 660 |
| taanaacntn | atnactcagt | gnaccaaatg | aatgagtaaa | cgaccttttn | natecttttna | 720 |

aggaantnaa ttngcctgnt tataggnaat ngttggancc naattccaac ttnggccaat
tggaaccc

780

789

<210> 4040

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4040

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gnnnnttttn | gatacagctc | ttgttctttt | tgcaggatcc | ctcgattcga | attcggcacg | 60 |
| aggcagctc | ctgagccaga | gtgtgctcag | acagagtcca | gctgggtgaa | agggacttat | 120 |
| ggagagaaaa | agaaaagcga | tgtagaaaaa | ttgaaaagag | gtacagaaac | agctggattg | 180 |
| gttacagctc | gggtgttgcc | ttattttgaa | cagggtttga | acagttggcc | acctttggtt | 240 |
| gctcaaaaact | tggtgattgg | cacaagagta | ggttacagtc | tgtttgaca | tccatttagg | 300 |
| ttgcagttca | ctgtgtacag | agaaaccttt | aggctgaact | taaaacgtgt | aaggagacag | 360 |
| ctttctgctt | gatttaacag | taacacgggt | gtgtgttggg | aggtaggag | gtgggggctc | 420 |
| tttcttntnt | nannntgnct | ttttncacaa | cantntngan | gantnagctt | gtnatgnatt | 480 |
| tgngcaactg | nttntttntg | tnattntaan | cnngancnnn | cnnnnnactn | attnntnanat | 540 |
| ttnaaaaaan | tncatnnnnc | nngcnnancc | ttcttttnnn | tnctgncnaa | tnnnnngnng | 600 |
| nnctnnnnac | nnannatnng | nnntntgnnc | tgnntnngnt | ttnttttnnn | aanantntnt | 660 |
| ntnnggnnnn | nnnnnnnnnt | nctnttttna | anncnnnnnn | nngnnttnnc | nnggnnnnna | 720 |
| annnnnnnnn | nnntnnnnnn | nnnnnnnnnn | nt | | | 752 |

<210> 4041

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4041

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| gnnttttnnaa | tcagctcttg | ttcttttttg | aggatccctc | gattcgaatt | cggcacgagg | 60 |
| tcagcccagc | tcacggccct | ggctgcccaa | cagcaggccg | caggggaagg | ggagaagagc | 120 |
| aatggcagag | agcaagattt | gccgctggca | gaggcagtac | ggcccaaac | gccacccgtt | 180 |
| gtaatcaaat | ctcagcttaa | aactcaagag | gatgaggaag | aaattttctac | tagcccagggt | 240 |
| gtttctgagt | ttgtcagtga | tgcttctgat | gcctgtaacc | taaatcagga | agatctaagg | 300 |
| aaagaaatgg | agcaactagt | gcttgacaaa | aagcaagagg | agacagccgt | actggaagag | 360 |
| gattctgcag | attgggaaaa | agaactgcag | caggaacttc | aagaatatga | agtgggtgaca | 420 |
| gaatctgaaa | aacgagatga | aaactgggat | aaggaaatag | agaaaatgct | tcaagaggaa | 480 |
| aattagctgt | tcctgaaata | gaagaataat | ccttaacagt | ctgcaaactg | acattaaatt | 540 |
| ctagatgttg | acaattactg | aatcagaagg | catgaaagag | tataatttta | tgaaattcaa | 600 |
| aattattctt | ttttcaagtt | gaaacttgcc | tcttctactt | taaaaaagtn | tntngaacca | 660 |
| gttacttcta | ataatcagaa | aggagatgtt | ttatnggaca | tttctttaat | ataaagtttag | 720 |
| agatgtcttc | ttagcagtat | ggctatcttt | tgccacagaa | cata | | 764 |

<210> 4042

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4042

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gnnnnttttat | agatacagct | cttgttcttt | ttgcaggatc | ccatcgattc | gaattcggca | 60 |
| cgagggtttta | tacattttat | gttctttgca | aaactggagc | cccagaaaga | atacaaagtg | 120 |
| agcttctgtt | cccacttctc | ccagaatagc | ctaggatggg | caaccatgta | aaattcaata | 180 |
| aaaatccaac | cttctaacta | actcgtgggtg | ttggagagta | ttaagcattt | gaaaagttca | 240 |
| ggtagaattt | tcattccttt | tgagctcttt | cctagctgct | ttgctgtgat | atatctgtca | 300 |
| ctccagatga | gggagtagtg | gtggaaaagg | aatgcattct | cagattcatt | gttggtagtt | 360 |
| caaaagaaaa | taagtaaacc | ttattcattc | tctgaagtac | tttccaccac | tactacaact | 420 |
| gatccaagaa | aacaatttcc | cattggatgg | tattattcag | agtgttatta | acaatcagtc | 480 |
| ctgaattttt | cagaatagta | ctaaagttgt | cttttttttt | aatgggttcc | tttcttcaag | 540 |
| gttatagtaa | agctttttta | taaccttcaa | agaatacaaa | gtggaatttg | taatttatng | 600 |
| gatatacatt | cctagtttac | aggtactatt | taaagctggc | aaatttanat | naagatgcct | 660 |
| tccctttaa | ttgcccttt | aaatctatgg | catgtctcac | ttaagagttc | caatttcaga | 720 |
| atttcatggc | aacttgggaa | acggcntgan | ggaattt | | | 757 |

<210> 4043

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4043

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| nggtnttttna | aaancngccc | gttctttgcg | gaccctcgat | tccaattcgg | cacgagcttg | 60 |
| aagtagaatt | tttttttcatt | ccttacactt | ctcagtgagt | ggtaactgta | gttnttgcta | 120 |
| tcatttttca | ttttcgtttt | tgcaagttaa | catacttttt | tcactcagag | agttggaggg | 180 |
| acttgcccaa | nactgcccaa | tggaatagag | atttcaacct | caaataaatg | ttctttttta | 240 |
| tgcaagatga | taaagagtng | gattcancct | aatttaggat | agaataaagc | caaatanntt | 300 |
| aggatagggt | ctttgggtgt | catgggtgta | atctaattgc | catgatgcaa | gtggcagagt | 360 |
| anagaattag | tgacacagca | taattaaagt | gacatattgc | caaaggaagc | ggtnttagcc | 420 |
| cattatataa | taccttttaa | aggacagacg | catactcagg | tttattttac | ctgctgagct | 480 |
| tctgccttag | aagttttcag | aattgtgatt | acattgaata | ggaaaaaagt | ctgaactatc | 540 |
| agaaaccagt | gccgcaactt | tgacaaacaa | ctgattatta | taataatctg | cctctagcat | 600 |
| gagactatnt | taattattat | ttaagctctg | gnggacttca | ttaagcagcc | cagtnaccac | 660 |
| cngaaagggt | aaagattatt | aaaatggaaa | ggaatgggta | ccaattnggt | tattaattcc | 720 |
| gggaaccctt | aaggcangga | aaaatgggct | ttgaaacccc | aaaaagggtg | gaaggctgca | 780 |
| antgaac | | | | | | 787 |

<210> 4044

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4044

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ngnnntnttt | nnaaatacac | gctcgttctn | tttgcangat | cccatcgatt | cgaattcggc | 60 |
| acgaggggga | aagttttcag | ttgtattatn | agntggattc | tgactatttg | ccataactgt | 120 |
| attctataca | cttgcgtaaa | acattgaatt | agggataact | gaatcatggc | tcctaaggga | 180 |
| aagacagggg | taggttcctg | gaagcctctg | gtcacaacat | tttcaccaac | tgatcaatag | 240 |
| ataaccttgt | tntgtttatg | tntgtgttta | gagacattta | atatatatng | ttgacttact | 300 |
| aacatcgaac | tcattggcaa | tagcactata | acttacggct | gaacaaagct | tatcaagtct | 360 |
| tttctctata | aggcacatcc | caccttcttg | cacttaggag | cactagacgg | catttctcag | 420 |
| cactatacaa | ggggctattt | aaaacagaat | aatcacccac | aaaaagcaca | acaattcana | 480 |
| aaaannaaaa | gcnaaagtct | tananaacan | aacattgcat | aananttnan | aatcagnaaa | 540 |
| aanttngecc | tttaaaccnt | tagggngcgn | ttcccanngn | ccnancntna | tangatccat | 600 |
| tggtaanntt | gggacaancc | ncanttgaag | gcnnatgaaa | aaagctnnnt | tngggaaatt | 660 |
| tgnnatctnt | ngnttaattt | ggaacctttt | naenncnttt | aaccnnttnc | cactcctntt | 720 |
| gnattnattn | ntntntnang | gttcangggg | aaggttttgg | naagtntt | | 768 |

<210> 4045

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4045

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttgtcttttt | gcaggatccc | atcgattcga | attcggcacg | agaacatgag | ggccctctat | 60 |
| gccagaagtg | aattcatctc | acaaaacatg | ttgactctag | actggtgcct | cctccagcta | 120 |
| ctactacccc | cattagtcac | ctagtaaaaa | atgacgacat | ttcatcacct | gcacatgaac | 180 |
| cgctttcccc | ccatttttta | atcatgaatt | ntgtgtcttt | aaattattaa | tggttaagac | 240 |
| taggtctggc | agtaaattnc | tntctcctgg | atttttggcc | caactcgagt | atttttgaaa | 300 |
| aaccgacaca | gtatttttagg | ggagcccaaa | aaccatgatg | ggaaaaagaa | tgagctgggt | 360 |
| gtaaaggaag | agggtggcag | agccctctct | cagcagtgtc | cacagggact | tccccagggc | 420 |
| accaggcacc | atctggagac | ggntttggtc | acactgggat | tgcggggagt | cacctagtgg | 480 |
| gtggaggggc | cagggatgct | gctgaacacc | caaagtgcac | aggatggctg | cagtcganca | 540 |
| tgtcaganaa | agggtctggc | cccaaaagcc | actcgcgcgc | gtggctgana | caancttgga | 600 |
| gcaaggggaa | ccttttggtca | aggnccccan | gttttttaag | ctaaaacgta | aancaggaac | 660 |
| cattcaagcc | aagaaggagt | tcccaggnac | gttttttttn | ttanggaatg | gaccttttaa | 720 |
| gaaaaattga | aaancatnnt | tacccatggg | gttnaaccct | catggaaatt | tccggggcaa | 780 |
| attccaagtn | cctn | | | | | 794 |

<210> 4046

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4046

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ntgnntttta | atactngctc | tcgttctttt | tgcaggatcc | ctcgattcga | attcggcacg | 60 |
| agactgtgga | gagatctcag | ttttcttata | tgtaattgct | catattttga | atgctaagtt | 120 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttcatcaacc | ataatTTTTa | cgtgctctaa | tatgtttctt | cacagattca | tgccatgttc | 180 |
| agtttaaaag | agtccgtgtc | ttttaataca | ttatctttga | aatgcctctt | actgaggaat | 240 |
| gactaaactt | cttctgaaat | gtgctctctg | gattgaagtc | aagagtacat | gttgcaacaa | 300 |
| agataatcat | gacttttagt | attaagagac | aattaccaga | ttgagtgcta | cttanaaaaag | 360 |
| tttccctccc | tgtgcagaga | ttactggctt | atcaaacaac | ccgccccatg | tgggccatat | 420 |
| atnattgaga | taattantnt | ccaactgata | ctaaaaggng | taattgggat | aaattaattt | 480 |
| tagcaaagag | tcctgtntcc | aaagaaattg | ggcatgtat | ttggcaatta | ccaaaaagtc | 540 |
| agtngtcaaa | tatgaatgat | accgtgggtg | gcagtgaaca | atcaatttac | tnaagggagg | 600 |
| ctggccttta | ccttcgctct | tngagacanc | tctagcctgg | aatcatgcc | tgataggatg | 660 |
| tcttncttgn | ganggactga | aaataaagaa | tacctgaaat | ctggangatt | ttaagaggtg | 720 |
| gtgtgaatct | gtnnaagaaa | ggtgaggaan | | | | 750 |

<210> 4047

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (824)

<223> n = A,T,C or G

<400> 4047

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| ccctttnaan | tccttgttg | tnnannagnt | nggaaactna | agcttcgtaa | aaganaggnt | 60 |
| tgggaatnng | gncgggggag | gaagcattca | catatnctag | aatantatga | cttggctatc | 120 |
| aacccttgc | cggtcgnagc | tcccatnng | ctgtagtcct | gtatgtgcta | taccaaccc | 180 |
| anagcacggc | gccatgcctg | gctaatttat | ntcataact | ttctacagag | atgggggtctc | 240 |
| actatgttgc | ccatnctggg | cttnaactcc | tgncttcaag | tgatctncng | cctgagcctn | 300 |
| ccaaagtgc | gcgattatan | acttnaancn | atcgacttgg | ctcaaactct | ngttntaatt | 360 |
| ggncccttng | tcagaaagaa | tgtgccactc | tgaantttgt | tccnntatatt | gnntcttna | 420 |
| atcacttnna | acctattnta | cannnatntt | natttnctca | tgaaantgct | gggattatnn | 480 |
| acatnaccaa | atagtgcctg | gctcaaatat | tcgnttcaat | agnnnctttt | atnncanaag | 540 |
| actntgccac | tnttgatttn | gnntcangng | tgtaagctt | agtancttgc | acttanctgg | 600 |
| aacctattat | ncntttnaat | tttacttnna | tnncatcttn | ctaactnnaa | tntcnatctn | 660 |
| naatnnanct | ttntaatnnc | atctacnnc | ngnttttnna | attnctnctga | tnactgggnt | 720 |
| anttttance | ggnntttnta | aataacgnnc | nnaccnanat | ntntangcat | nnactcttcc | 780 |
| cntgtanttt | tctncnaata | aatntnncgg | naanatacmn | nacc | | 824 |

<210> 4048

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4048

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ttctaattgct | tgggttcta | ncntgggctc | tnganctttc | tgcaggatcc | cntngatncc | 60 |
| tataatctgg | gggtacagag | caagaagaag | tactttgact | ttgaggagat | tctggccttt | 120 |
| gtcaaccacc | actgggagct | cctgcagctt | ggcaagctca | ccagcaccct | agtgcagat | 180 |
| cgaggaccac | atctcctcaa | cgctctgaac | agttataaaa | gccgggttct | ctgcggcaag | 240 |
| gagatcaaga | agaagaagtg | catcttccgc | ctgcgcaccc | gcgtccacc | caaccgcga | 300 |
| gggaagctgc | tgctgacaa | aggactgctg | ccaaatgaga | acagcgcctc | ctctgagctg | 360 |
| cgtaagagag | gaaagagcaa | gcctgggttg | ttgcctcacg | aattccagca | gcagaaaagg | 420 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| cgagtttata | gaagaaaaag | atcaaagttt | ttgctggaag | atgctattct | ccgagcttcg | 480 |
| caatgccgct | aaggacgaca | agaagaagaa | ggacgctgga | aagtcggnca | agaaagacaa | 540 |
| agacccagt | aacaaatccg | ggggcaaggc | caaaaagaag | aagtgggtcaa | aggcaaagtt | 600 |
| cgggacaagc | tcaataactt | tagtcttggt | tgacaaaagc | taccctatga | taaactcttg | 660 |
| taaggaagtt | tccaactatt | aacttataac | cccaacttgt | ggtctcttga | agagactgga | 720 |
| agattcgang | cttccttggc | caagggcagc | cctttaagga | ncttccttat | taaangann | 779 |

<210> 4049

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4049

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| ttccaannng | ctnngttctn | atncttggcn | annaaaaantn | ggtnggaatt | cggcacgagc | 60 |
| tttgacgctt | tttctgccc | ttaaatttga | tacctttggt | gtaggagctg | cataagngac | 120 |
| agttgctgnt | tttacgttnn | cacgcgtgat | cttgaccctg | ctagcctgaa | gtgtatggtt | 180 |
| tctcttagcc | agtttctaatt | tttgttcagg | tggaagatgg | atgcctgaag | tgtagactgc | 240 |
| tgctagctga | ataccatntg | ggagcataaa | ggtgacctga | aggtagggng | atatgtctta | 300 |
| aagcactttg | taatgggaat | ttttatcacc | ttttaaattg | gggttccttc | tctagttagt | 360 |
| tttaattgtc | gtaggtacat | tcngtantgt | tgctctgtct | gtagctatta | aggngagtta | 420 |
| ataaatggga | tagcctccac | agcttatttt | tggaaggtt | ttgctgatac | ttcctgagaa | 480 |
| gcccanggaa | ataaatagc | atagctctggc | attctgcac | ttctttaaga | tttgttnta | 540 |
| tgtgtangta | attgagtttt | ttaaaagctt | gngaaatcng | cangcatatt | accaaagttc | 600 |
| ttgattaaaa | tggtaatnnc | aanaaatntt | tnctgtcna | attgagtacn | tttaatttca | 660 |
| nctcttaatg | atggnccntc | ggtgnangga | ttttgaaaaa | ttccgaatct | ttcaccatng | 720 |
| aacttaccc | aggaattcan | tttnganaat | tnnncatgg | naantcttgn | nnggantacc | 780 |
| tgaaccataa | atttcccngg | tcncg | | | | 805 |

<210> 4050

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4050

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| tccccctttg | aaccttgtcc | aatnagtctn | ggttctaate | ncttntcnan | nagnnaggng | 60 |
| ntgggaattc | ggcacgagta | ttagtgataa | gtatatatgg | acatcttttg | gaacaaagat | 120 |
| aactaacaaa | agacaagaat | tttcaagaag | gaaaacaaag | aaaaaaaggt | aatcagggtta | 180 |
| tgttacatag | nttanctgct | tatagtnttt | ctttggttct | gctcatggaa | acacaatgac | 240 |
| tatcaatcta | agtaagacta | taatatatta | gaaggatggg | tgatgagaag | tgtgaagtgt | 300 |
| tgcaaaggta | aatccttata | ttccgctatg | aagtatcaat | aagcaatgcc | caaaaaaatg | 360 |
| aactattaag | aagtaactgt | aaagttatat | catttanaga | tagagtggag | tatagcaaata | 420 |
| gaatcagcta | aaatatnttn | aaaatgggta | ccctctgggg | agtgggaagat | acatgtatgt | 480 |
| attgnggggtg | ggggatgcac | tgcaatgaga | tttctttttt | ttaatccttg | tggtactact | 540 |
| tagntctcta | aactatttgc | atctataact | ttgctaaaaa | taacntttta | atttncaaata | 600 |
| tgatcactct | tgtnatcagt | tcaaatngaa | acaaggagat | aacataattg | ctaagnttat | 660 |
| ttttggcata | ttnatcacnt | tgtatatgtn | tcantgagaa | taccatgtta | cattcctctc | 720 |

aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaaacna ttntnngnant 780
ncactttng 789

<210> 4051
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 4051
gcgtccccct ttgaaactc ttcaaattccc ttggtttnaa nccctttncg caggatccca 60
tcgattcgaa ttccggcacga gatttgcctt aatccttgggt tactagtaat gctatctgcg 120
ctgtgcgtct aaagcctcca gaaagattgc tcaggcatgg cctaatagct tttatcagtt 180
cactcagtgg ctcttacact ttgatacctg aaacctagag ttaactgtgt aggaccaagc 240
tcttctgaag gagtcaactg ctctcctctg tcaataatgg ctgtttatgc caaaacagcc 300
aagagaaacct ccccccctc tccctctgt caaagtgaat tggaacctaa gaatggaagc 360
tagtggctat ttggccatac cccaaccaac ttgctattgc ttaattccat ctaattatca 420
gctgggctgc gtggctcatg cctgtaatcc catcactttg gtaggcccag gcaggaggat 480
cactagaggt caggagtttg agaacagcct ggccaacatg gtgaaacctt gtctctaata 540
aagataaaaa aattagctgg gtatagtgat ggggtgctat aatcccagct actgggaggc 600
tgcagcagga gagttgcttg aacttgggag gcagcagttg cagtgcagctg agattgtgcc 660
cctgcactca aagtctgggc gacagantga gactctatct taaaaaaaaa aaaannaaaa 720
aaaactcgac ctntagaact atagtggagt cgtattacgt agatccnact gataggatcc 780
attgg 785

<210> 4052
<211> 813
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(813)
<223> n = A,T,C or G

<400> 4052
agtctccctt ttaanccttt caaatccctt ggttcangcc tttacgcagg atcccatcga 60
ttcgaattcg gcacgagctt gagagaatag atctagatgg gtggggcacg gttctgggga 120
atggaagggc caaagaggaa agtgggcaat ggtgggggtg agaacgcagc ttctggactc 180
agcaggcctg ggttcaaact ctgttaatca ctctgttaa tcccagcgct ttgggaagcc 240
aaggaggag gatcacttga ggccaggagt tcaagaccag cctgggcaac ataatgagat 300
tccatctcta caaaaaataa aaacaattag ccagggtgtg tgggtgcacac ctgtagttcc 360
aggtacttgg aaggctgang caggagaatt gcttgagcct gngagtagtg agtcatgagt 420
gcagtggcac gatcatggct cacttgcagc cttgacttct naggttagg tgacccccca 480
acctcatcct cccagggtggc tgaaactaca ggcacatgcc accatgcccc agctgatttt 540
ttttagagga cagggttcca ccatgttgcc aagctagtct acaaaagcat ctganttttg 600
gaagtacatg gaatttgttg taacaaaant atnttgaatg gaaatggctc tcantgtatt 660
tntggaattt tccattaaat aatttggctt ttttccttga aaaaacatan nntnctttn 720
tnntntnnat acttncctt tnnttantat tatanaantn cnttcnagcc ctttnncaan 780
ttntcntgga nttntttatt ncattttatc cct 813

<210> 4053

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4053

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tttgaatcc | ctgggtttcaa | ntccttgccg | aggatccctc | gattcgaatt | cggcacgagg | 60 |
| cgtccttcag | atatcaaatt | caagcctcta | aataagacca | aggagtatac | agcctgtgaa | 120 |
| ctgatgaaca | tatacaagac | tgacaatcac | ctgaaacatt | atttacatat | cattgaaaac | 180 |
| aaacccctgt | atccagttat | ctatgatagc | aatggtgtcg | tcctttcaat | gcctcccatc | 240 |
| atcaatgggg | atcattccag | aataacagta | aatactagaa | atatttttat | tgaatgcacg | 300 |
| ggaactgact | ttactaaggc | aaaaatagtt | cttgatatta | ttgtcaccat | gttcagttaa | 360 |
| tattgtgaga | atcaatttac | ggtcgaagct | gctgaagtgg | tttttcctaa | tggaaaatca | 420 |
| catacctttc | cagaattagc | ttaccgaaag | gagatggtga | gagctgacct | aattaacaaa | 480 |
| aaagttagaa | tcagagaaac | tccagaaaat | cttgccaaac | ttctgaccag | gatgtattta | 540 |
| aaatcagaag | tcataaggtga | tggaatcag | attgagattg | aaatccctnc | aaccagagct | 600 |
| gacattatcc | atgcattgtga | tattgnagaa | natgcagcta | ttgcttatgg | atntaacaac | 660 |
| attcagatga | ctcttcccga | aaactttcac | cattagctta | atcaatttcc | tcttaataag | 720 |
| ctcactgaac | ttnttcgaca | tgaccatggg | cannccgttg | gcttcacttg | aaccactt | 778 |

<210> 4054
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4054

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agtctatanc | agctctgttc | tttttgcagg | atccatcgat | tcganttgng | nacnangttn | 60 |
| gtgcttnacc | actgcttact | canggcccg | nctttgcccg | catttntgca | nacnnaccc | 120 |
| ctanccang | agcctctggc | agacttaana | gectgtgnc | ctcaccagng | nncnacatn | 180 |
| gccggnetga | gancnagtgn | ngagtcacag | nctcagnan | aatgccnaac | gcctcnanct | 240 |
| gntcctgacn | gntnccnagg | ggacaccata | tagccttagt | catgnntcat | atgcccggan | 300 |
| gaatcttccc | ccaganggga | ctatcctagn | cnacnagatt | tgtgtcnaaa | tntctgcttg | 360 |
| ntgttngaac | ctncanacna | tatggnanng | acacactatg | gaagtctgga | attncatgga | 420 |
| natttnatga | tatgaantaa | ntgtgtangc | tcctggcata | gcaatgntgt | nttacttcgg | 480 |
| agntnaanng | annctggacg | ttgcngacnt | gntccntaat | ncaangcacc | ctnatggang | 540 |
| atagcnggac | atnctgggct | tgnnnatnga | tcctgntgaa | gcaannctgc | gntgtgatta | 600 |
| ttaccctgng | gctggngncc | accagcactg | gctaagtctn | tacggctnna | gtntctttgt | 660 |
| cagnttattn | aatggntatg | taaactttna | gaattaaant | gggnnctntt | gngnnngant | 720 |
| anntaacct | tacntntttc | ctat | | | | 744 |

<210> 4055
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1017)
 <223> n = A,T,C or G

<400> 4055

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|------|
| gttncttcca | tcagctcttg | ttcttttttg | aggatccctc | gattcgcttt | tttatagtga | 60 |
| tcacttttga | attgtgttca | gatatgcagt | ttcagggtga | atcatcagag | ctgggttagtc | 120 |
| aggcattcca | gatagtgggt | cttttcagaa | ccttttttaa | agggttggtt | aactacctca | 180 |
| gtagcagagg | attgaactat | accctgtctg | tactgtacat | agaaaatctt | tgtagataaa | 240 |
| agcaaggctt | gntnaatatg | atatgagggt | aagatttttn | atanaccnan | tgtaacnttc | 300 |
| ttagnccctt | tagtttcaag | aggcttgcac | acttntntat | naccantatn | acacgcctng | 360 |
| nntttntcnn | annnnnctnc | tgacacacac | nacctntntt | tnctngtatt | tctgntneca | 420 |
| cannctnnnn | ctntctctct | accnncctn | ctnantnncc | nttncctccc | nnntccnccc | 480 |
| ccnccgacac | ttactnctnn | cctnncncc | nnccctcnn | tnnnnnnnnn | nnntntntcc | 540 |
| ncnccnnnnn | nntcnnnact | atctnnctcc | nntctanngtc | tnncttncnn | tcnantntnt | 600 |
| gentcnnnnn | ttctnnnttt | ttcnnctcat | tcnancnnc | ctgnnnccctn | nncnnnnnn | 660 |
| tnnnnnnnnn | tnntnaccnn | ngnctctct | ctctnnnnnn | ncntcnnnt | cntnctcct | 720 |
| cncnnnnntn | ngctnnnnat | ncntntntat | ntctcnnnn | ntnncacnt | cncntntcan | 780 |
| cntctgttcc | nntctcann | tcacnntac | tnctntntnn | cctnnnnnn | ncgcnncnt | 840 |
| ctctctnnan | nttcncant | nnntcnnnn | anncncttg | atctncatcn | nnntctctct | 900 |
| ncncatgntn | ncnntccnn | attctntatn | nngnnngntt | acctnctntc | nnnatcnnct | 960 |
| nnnttaenn | catcncccc | ctgntntccn | ntnecgnatcn | tcnannccnn | tnctnecg | 1017 |

<210> 4056

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4056

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tnnttanana | tacagctctt | ggttcttttt | gcaggatccc | atcgattcga | attcggcacg | 60 |
| agggcagaga | atcccttgta | gaaagggtgg | ggagaatcat | aggatattat | aactgtaagg | 120 |
| aacatgcaag | attttccaga | ttataccctt | gatagaatag | ataagttcct | taaggctcag | 180 |
| atcttgctta | aagtcgtcca | gcctgttaga | gacaagtaga | acacgaagct | ggcctctgga | 240 |
| gtctttattg | agtactttgt | acaattgggt | tagactggga | gagccctcct | cacttcccct | 300 |
| ttcttggtgt | gtaatttcct | gtggggcaga | acacctcaga | ggtttctgtg | catcaaaata | 360 |
| agatgcagca | aagacatgga | aaaaggataa | cgagacanat | tcancanta | agtagatnag | 420 |
| gttgngtttt | ttataaaa | taacgaggca | ttccttccag | aatgtggag | cctttgtaga | 480 |
| tttcagtga | taaaacccaa | ccatgatttc | ctgcagtgat | cacagagcag | agangggaga | 540 |
| aagccctttt | atcacnaacc | ancaggaagt | ctctgtaaaa | tnngtaagga | ttctggttta | 600 |
| ntgtgaagaa | ccccattttt | gngtatgttc | tgggcccctg | gaaggacaga | tcatttttga | 660 |
| cntcanaata | aatgatcagg | ccagcatggg | ggttactctg | aatcctaccc | tttggagact | 720 |
| taagtggagg | attgcttanc | cannant | | | | 747 |

<210> 4057

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4057

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ngtattcaca | agcgctngtt | ctttttgcag | gateccatcg | attcgtgaaa | atacttatct | 60 |
| atagaaacag | tgttgtaa | aagagagtct | cagattatca | aatgaaactt | atttaaatcc | 120 |
| atgtaactga | actaataata | ccagctgcag | ttttatcctg | gctgtaagga | ctaccatgat | 180 |
| gggaaaaaat | aagaggaaac | cttaccctcc | cccacattcc | cacatgacca | gcagcataag | 240 |
| ggctccaggt | taccacagta | tccatcattt | gtcttatggc | cacccaagta | cacctgttta | 300 |
| catgacttac | tgggcctgtg | tagaaattgc | agtttgtgat | aggatcccag | tatagaatca | 360 |
| cagaaactga | cttttgaagg | gtaatgtaaa | ggctatttgt | atctaacact | tttttaaaaa | 420 |
| acagtatgct | tttgttttat | ttattggagt | atatttttga | agtccctgtc | ctctgtcact | 480 |
| gctcagagta | attatcatct | ggtttatatt | ttctagagtt | ttttgtgatn | ctataaatta | 540 |
| tgtcttttgt | atgtaaacac | atgtaatttt | tttacaacaa | atgnggntaa | tgctatacca | 600 |
| taatctacta | caactttgaa | ngggtttccc | ccgtggttgg | ctactttgga | tctggccttg | 660 |
| gtngatattt | tatatnttat | antataggct | ctcgttngtt | aaattccatt | taaccaactt | 720 |
| ccntggaaan | ttcccatctt | ttgaaatggn | cccattaant | tatttaaat | antttccctc | 780 |
| ttggggagg | | | | | | 788 |

<210> 4058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4058

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtnagataca | gctctgttct | ttttgcagga | tccctcgatt | cgaattcggc | acgagatgag | 60 |
| gtgtgangcc | nttnaatccg | aanaagngcn | cnaagantga | gaacgtgatt | gcntgaaatg | 120 |
| ttcatccaga | natcttgga | tataggagaa | cagggggaga | ctngattgat | taggttgga | 180 |
| atatttgtcc | tatggaccac | ggtaacgggg | nttagcnttc | atagtatgta | accaggantg | 240 |
| gnagnnggag | tcatagagta | tnggnctct | tnatcccagg | agattcccaa | tggggncagt | 300 |
| atctactgnc | cttnnngaga | gaccatgctn | ngctgtctnt | tttanggnna | atcannaatt | 360 |
| tagtggtcgc | ccctncaatc | ttcattccac | tcatccntac | cctnttggca | ttcttaatgt | 420 |
| natttgtggc | cctgtcctta | tcattttaca | agggtaaatt | ntcntccaga | tatangaacn | 480 |
| tgtttactaa | actttaagcn | cnttaantta | aacatcntta | cctaagaaca | ntcntggttn | 540 |
| caannnggag | ttnacaaggg | gctagcgctn | taaaaccact | ctncttnttt | nccggaagat | 600 |
| tgccnntctg | ancttgtaag | ntnangattc | ntgtggacan | gaaganttgt | ggcatnacng | 660 |
| tttnacngnt | gggttactan | tgcacntgtc | aactngnngn | gaaatgtcnt | ggatacaang | 720 |
| tgtnatgggg | ntgaatttna | acgggacnca | anggtggngg | c | | 761 |

<210> 4059

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4059

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggnnnnnttg | tctatagctg | gctctcgtct | ttctgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgagccat | cngtgnctng | cnangggcct | gccccatagg | atggcctcag | caaattttca | 120 |
| gtgaactcaa | gttcattgan | ttccaattng | tgaaataaac | tagagggcct | ctctgaactg | 180 |
| ccngcctnat | gagaangact | gtgannagta | nccngnccaa | nacagactga | ctgtgacaaa | 240 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| nctagananc | attacaggtt | tctgagaaag | aangaagggt | caagttcaca | ttggtactgt | 300 |
| gaccacgnca | gctcattgcc | ctcctanaen | gggctctgca | agctttctnt | ttactggagg | 360 |
| ctgnactact | ctttnaagct | gnaacagtgt | gattataanc | ccnnantngg | ccccctttga | 420 |
| cancatcttt | acaataatgc | tcttggttcc | tcaaccngct | ggtgactctg | aaagctgatg | 480 |
| nngacgggnt | gccaaaantc | atnatatann | cagcctncna | aangcngtga | tctctncatg | 540 |
| anctcatgna | nccttaaach | cgtgcttgcc | cnttntttta | caccnttaac | aatnttgaca | 600 |
| tncacctnna | tgctntngc | gaantcaaat | nccccgtangt | ccaggcttga | aaangaaaca | 660 |
| cccgttntag | gttgggacct | ttccacaagn | tcctnatgcn | ggggnaanaa | caatgnnttc | 720 |
| attgnnnnga | naatncgtca | atcccattgg | nttttanttn | gtnccttttc | aaacgcgngc | 780 |
| cttttaana | tngttgnaa | cccc | | | | 804 |

<210> 4060

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4060

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttnttcagct | cttgttcttt | ttgcaggatc | ccatcgattc | gaattcggca | cgagcccagc | 60 |
| cataatggag | cctgaaatca | ggaattcatg | tttcaagggt | acatgtacaa | atgtatgccc | 120 |
| tctcagaaca | atggccattt | tgagaaagcc | agtgaagagc | agccagacca | ggctcctctg | 180 |
| cctagcacc | accagtgcct | gccagctcag | cccaagtctc | ctcacctagg | atagcttgat | 240 |
| ggaataacaa | tgtattttta | ttttctgtag | acctaaaact | gctcttaaaa | agtctatttt | 300 |
| aaaaatccat | cattaaaaca | cagactttct | ccataataag | aagttggagg | ggctggggcac | 360 |
| ggtggctcgc | acctgtaatc | ccagtacttt | gggaggccga | ggcagatgga | tcacgaggtc | 420 |
| aggagctcga | gaccatcctg | gccaacatgg | tgaaaccccg | tctctactaa | aaatacaaaa | 480 |
| attagctggg | tatgggtggc | cacgcctata | gtcccagcta | tttgggaggc | tgaggcagga | 540 |
| gaattgcttg | agcctggaag | gtggaagttg | cantgagccg | agatcgtgcc | actgnacttt | 600 |
| tagcctggcg | acaaantgag | actccgtctn | aaaaaaaaaa | aaaaaaactc | gnccttttag | 660 |
| actatagnga | gtcgtattcg | tagatccagc | atgataggat | ccttgatgaa | tttggacaac | 720 |
| cacacttgat | gccgtgaaaa | aatgcttntt | | | | 750 |

<210> 4061

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4061

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| anaannngtc | aatgctggct | actcgncntn | ctgcaggatc | ccatgcgatt | cgcttgaacc | 60 |
| tgggaggcan | aggttgtggn | gaantcaaga | tcangccact | gcactccagn | ctgggtgacn | 120 |
| ngagcagnga | ctccatctca | agaaanaagt | nantaacnaa | tnnttcgngn | atgtgatgac | 180 |
| tgactntagt | cnttatggaa | aataacttcn | ggcagctnag | tanctactgg | tcancaattc | 240 |
| cgntgtntaa | gagangtnct | acantcnant | nctcaatatt | ntcagnctga | tttcaatacn | 300 |
| gacacgcnac | cactgaaatg | cngaaagatg | gnaatcanag | tgtgatgttn | ntatnnaant | 360 |
| ctcgagattc | acatgtaatn | agacccttta | ncttnaatga | tcacnacatn | anaatggnga | 420 |
| catgatctta | acttgggaac | atatggantn | tgtattttggn | aattntagnn | tcacanaent | 480 |
| atccctatga | ntgngacacn | catgncgtga | atctaagctt | tanaatattn | nctntgtcag | 540 |

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| tnaaacagca | tgnttncatg | cnnactgaan | ctaanntccc | aatnaantg | ntcatttttg | 600 |
| gatngnnngn | ancacattgt | naaccaattc | gttgncaact | tntgnntanc | aaatnnnnna | 660 |
| ccatanctcn | nntggnaaccn | atggaaggga | tnnnatnnna | ncaanaancc | ttngggnccc | 720 |
| ntctangnnc | ctnttngtag | angncncaan | ttcccnctcn | tgnnccanga | catggnnncnn | 780 |
| ggantacccc | ttcatthaatt | ttggctnnta | tancctcaan | anttgaatt | ccnnnnnncna | 840 |
| naaattnnnc | t | | | | | 851 |

<210> 4062

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4062

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|-----|
| ngnnttnatc | agctcttgtt | cttttgcagg | atccctcgat | tcgaattcgg | cacgagcttc | 60 |
| cttgataaat | actgatcatt | ctatttttagc | ggtaagaacc | caagaaggag | tatggatacc | 120 |
| tgtaaagctt | tctggctcct | gggaagcctc | tccttctgtg | catattatta | ctgaaattct | 180 |
| tcaaaagatt | ctgagatgct | ctcagtgttt | cattgctact | ttaattttta | tcattatggg | 240 |
| attgattgct | gtcacagcta | ctgccgcggc | agctggagtt | gctttgcatt | tcacagtaca | 300 |
| aacagcagac | tatgtaaata | attggcagaa | aaattctact | ttgctgtgga | attcccaaac | 360 |
| taatattggac | cagaaactag | ctaatacaat | caattatctc | caacaaactg | taatgtggct | 420 |
| aggagattga | gtagttagtc | tagaatatag | aatgcagtta | caatgtgatt | ggaatacttc | 480 |
| tgatttttgc | attactcctc | atctgtataa | tgaaagacag | catgagtggg | aaagagttaa | 540 |
| gaaacatttg | aaaggtcata | ctggaaattt | acttttagata | ttatgcaact | gaaggacaaa | 600 |
| tattttcaatc | ttctctggca | catctgacac | taatgccagg | aactgaantg | cttgaaggcg | 660 |
| cttcaaattg | attagcagct | attaacccat | taaaatggat | caagacnaaa | naaaaaaaaaa | 720 |
| aaaactcgan | cctnttaaaa | ctatagnag | tcgtattcgt | aa | | 762 |

<210> 4063

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4063

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gtttatncag | ctctgttctt | ttgcaggacc | ctcgattcga | attcggcacg | aggtcagagg | 60 |
| tcaacaatga | gtatgtggca | ataacaggat | tcaaaccag | atctgttagc | ttccaaagtc | 120 |
| cttggcttta | catgctaccc | actagttcct | tggagggggc | tccggaccat | ggaggtcaca | 180 |
| caccagtgtc | ccgagtgtgg | tcctcacagc | acctgcatca | acatgagggt | gggatttgat | 240 |
| taaaagtggg | tttctggggc | cacccacatt | ctgaatctaa | agttctgggt | gtggtttttag | 300 |
| gaacctgtgc | ttttaacaag | tacccttagt | gatttatata | cttactaaac | acttgagaat | 360 |
| cactgatctt | tccagtgtgg | tgtgacttat | agacagtgtt | ggacagaaat | gaaacaaagg | 420 |
| agaaagatga | agcacagaca | gaaagagctg | ggaggatgcc | ctgcatgttc | ttatatctgt | 480 |
| aaatacgcat | ctcttctcct | ttgtctcagc | ccttgctgtt | taaatctaga | cccttacatt | 540 |
| tttcaactat | ttggctccag | cctncccttg | cctgactcct | ggctttgtat | attacctctc | 600 |
| tttcttgact | ttcactgcct | tttacaagtt | tgcattttct | gctcattttt | agaagatcct | 660 |
| actaagggcc | aaaggaaaat | acactgtaca | gaaacctaaa | attaagccct | ttagaactat | 720 |
| agtgagtccg | tattacgtag | atccagacat | gataggatt | | | 759 |

<210> 4064
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4064

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gntttnnnca | gctcttgtct | ttttgcagga | tccctcgatt | cgaattcggc | acgagattct | 60 |
| cccaaaaagg | ttcatcccga | gaacactgaa | gaataatttt | tgggaatggt | aatgatgtgc | 120 |
| cacaaaatta | gtattttatg | atcaaataaa | tttgctttat | aatattttat | ctaaatatcc | 180 |
| atgctcctga | agactcacia | aataaaggaa | actttatcca | gctttttcca | gaatttactt | 240 |
| gcacatagac | tccatttata | tagcatgcct | attgaactct | gtaaatagtg | cagttcagga | 300 |
| aagatagcag | tgtgggaaat | gtcactctaa | tggtcatata | cgtttatccc | atgggaggtt | 360 |
| aaagcatata | ggtgagagga | gagtgatcgc | cctggggaac | tgtaatgaga | aaggattgat | 420 |
| ggctgtttca | gttgttgttt | tctgtccct | ggctgctggc | atgggggcaa | gggggaggtc | 480 |
| gaggtcagg | tcttagagaa | cagaacattg | catttcactt | cacagtcagc | aaagagaaaag | 540 |
| ccaggcaagc | acccagaagt | cagtgcacca | gtggagtcac | aaaagactat | taattcttnc | 600 |
| cacattgaat | tgtgacacac | aggaagctca | ttacagactg | agtgccctga | gtttttatatt | 660 |
| ggggctagtc | atgtaggtcc | ctttggctcc | atgcccccca | attccagact | tccagaaaaga | 720 |
| aagccagaat | tcaaccttaa | ctggcttggt | tggtcnaacc | a | | 761 |

<210> 4065
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4065

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| ctcttgttct | ttttgcagga | tcccatcgat | tcgaattcgg | cacgagaata | cacaattttac | 60 |
| atgtcagagg | atggtagagg | aattgtcact | tatgcttcag | tctgacttag | tgaagcagtg | 120 |
| gggccgagaa | agcaatcata | tacgcatttg | tctcacatga | gcagaggaac | agagggatga | 180 |
| ctttaagttc | tgtctgtttt | ttgtccacaa | ggaattttct | tgtgggcaaa | ttgtgaggtc | 240 |
| ttttagtcta | tcttatttta | ggaataaaaat | gggaggcagg | tttgcttgat | gtagttccca | 300 |
| gcttgacctc | ccttttcctt | agtgattttt | ggttcccaag | atttattttc | ttttcacaga | 360 |
| ataaattgtc | tttcagacct | agagagcatc | acagtcacat | tcagaaaggt | gtccaaatgt | 420 |
| aatcacact | ttcacataga | attacagcta | tattaacaaa | ttttttcttc | cattgncttc | 480 |
| atgtgtaata | tataaaaaaac | ttaagctttt | aaaaaaactaa | agttgaatta | tggncttaaa | 540 |
| aatgatggtc | aatcttatct | tcaactggcag | gatatagacc | attnctgttg | ataattttta | 600 |
| gtaagtgtct | atacagtttt | angccttctt | agntattatt | tggtggggta | nttctcttac | 660 |
| tttccctggg | nccagttttt | accattggga | acccccccct | taatngncca | ccntnttttn | 720 |
| cccccccan | aaanccann | cnnttttaaag | gggggaaaat | ggcccctnat | taannccnng | 780 |
| gg | | | | | | 782 |

<210> 4066
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 4066
 gnntnanntt cantatanat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggctggtgt tagggttctt tgtttttggg gtttggcaga gatgtgttta 120
 agtgctgtgg ccagaagcgg ggggaggggg tttggtggaa attttttgtt atgatgtctg 180
 tgtggaaagc ggctgtgcag acnttcaatt gttattaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa aaanaaaaaa aaaaaaaaaa aaacntcggc nttaaaannt ttaggnngtc 300
 gtnttacnta antcngacn tnatannatc cnttgtnaat tttggncaan ccncacctna 360
 atgcatggaa aaaantgctt tatttgnnaa atttgngatn ctatncttta ttngnancct 420
 ttntaanctg caataancaa gttancaaca ncaattgcat tcatttnatg ttccagggtc 480
 aggggnaggt ntgggnaggt ttttaattcg cgcccgccgc nccaatgcnt tggncceggg 540
 ncccantttt gttcccttta ntgagggtta attgcc 576

<210> 4067
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4067
 nngnnnnntt tttanancag ctctngttct ttttgcagga tcccatcgat tcgaattcgg 60
 cactgagactg aatgggctgt atctggggaa tcaagggtatt aggggttgagc aaaagcaaga 120
 ggaagtagag catttgatct cttttccttt gattagggtg aggacaataa agtctcattc 180
 tctcccttnt tcccatgggc agccttatat atgattgaag aacattantg cananattcc 240
 tcatccnnaa ataaactctn gtacttntat actaattaaa cacactttan tattgaattgg 300
 ttcttggaaa actatggaga actctgtggg ggctgtnatt cacactttan tattgaattgg 360
 nttaatgaen actgtnatat tggctacata aagaaatgga cgttttttatt tggggttagg 420
 ggatcacaga tgtggactgg cttaggtaga atgggtccctg agcnaaggag atattgaagn 480
 ttatgaggat gtgcaagata agcagattta cttttgcatt ttattttggg ctatctcagc 540
 ttcttttact agaagctcat gcctataatc ccagcacctt gngaggccaa ggcaggagga 600
 ttgctttgaa gccaggggtt cgagatcann ctgggcacaa anccagaccc tgactntcca 660
 aggangattc aaagatttct gatggngaaa acctcggcct ntaaaactatt ggggtcgttt 720
 acggngatcc nganatgata anancatttt ngagtttggc caaacccac n 771

<210> 4068
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4068
 ggnnnnnnngn nnnnnncngn ancancactc gnnagnaaag cccttcccan cgactcgaat 60
 tcggcacgag ccaccctggt gctcctccct ctccctggta ccctgactac caggaagtnt 120
 tgtgctagag cagctggaga agtgaggca gcctgtgctt ccacagatgg ggggtgctgct 180

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| gcaacaaggc | tttcaatgtg | cccattcttag | gtgggagaag | ctagatcctg | tgcagcagcc | 240 |
| tggttaagtc | tgaggaggtt | ccattgctct | tcctgctgct | gtcctttgct | tctcaacggt | 300 |
| ggctcgtct | acagtctaga | gcacatgcag | ctaacttgtg | cctctgctta | tgcagagggg | 360 |
| ttaaattaac | aaccataacc | ttcatttgaa | gttcaaagggt | gtattcagga | tcctcaaagc | 420 |
| attttaacct | tgccgcttaa | aacccaattt | accgtgaaat | gggaattttg | ctgcattggt | 480 |
| aaactgtagt | ggaaaccatg | ctatagtaat | aaagggttata | taagagagaa | attgaaatta | 540 |
| aatgtgtttt | taaatttcaa | aaaaaaatca | atcttttagga | tgactnaaaa | attgatttgc | 600 |
| catgtaaaat | gtatctgcat | tttttacaca | aaacttgntt | taaagcataa | aaatttaaaa | 660 |
| ctgnnctctt | ggatgtatta | tacattttga | accatatgta | ttaaaccata | aacagtntaa | 720 |
| tggttggtata | ataaaacagg | cattaatttn | ttaataaaaa | aaaaaaaaaa | actcggcctt | 780 |
| taaactt | | | | | | 787 |

<210> 4069

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4069

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ngnnntnta | tancagctct | ngttntttat | gcaggatccc | atcgattcga | attcggcacg | 60 |
| agggtccatta | caccgccagc | agcaatgtct | tcctcggcca | tggcagtggg | tcacgggtgc | 120 |
| agcagtgcaa | tgtcttctc | agccacgggt | gtgggtcatg | ggtgcagcag | tgcaagacct | 180 |
| tcctcagcca | tggcagtggg | tcacaggtgt | agcagtacaa | tgcttctctt | ggctatggcg | 240 |
| gtgggtcacg | gacgcagctg | aatcttgaac | acacctgagc | ctctgcctcc | acgtgacttg | 300 |
| gcggtagcaa | ggaatgaaca | cagttatctt | tttaaccaaa | attttagatc | atgatctcgc | 360 |
| tgtactcgtt | gacagttatc | aggtaactgt | tgaagaatta | atctctgctc | ttctctgaag | 420 |
| tctgatttaa | tcaccccact | cagctgccag | tgaattggg | ggcatcccat | cgcactctcg | 480 |
| atgtggctgg | ctgtggctct | tctgaaaagt | ttctttcttc | tgcttgtttt | ccatatttag | 540 |
| ggggaaatca | gcaagattct | agagtatgta | tgtgggctgg | gtgcaagtgg | ctcatgccta | 600 |
| taatnccagc | actctgggag | gcttaagcgg | gtggatcacc | cnangccngg | aatttgagga | 660 |
| acagtgtggg | gcaacatant | gagaccttgt | ctnttccaaa | ttaaataant | taattnnnnc | 720 |
| gggaaannnn | nnnnngnnnn | ntnnnnnnnn | nnnnnnnnnn | ntnnnnnnnn | nnnnnnnnnn | 780 |
| nnnnnnntna | nntanaact | | | | | 799 |

<210> 4070

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4070

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| ggnnntttta | tcagctcttg | ttttnttgca | ggatcccatc | gattcgaatt | cggcacgagg | 60 |
| atatgcttta | gaattaaggt | gagtgggtatt | atctctagtt | tgagacaaaag | agaagcgaag | 120 |
| taacaaaagg | ccacataagt | gataaatagt | ggacctggag | tttaaacctg | ggatccccac | 180 |
| ctaaatcaga | aatacaaaat | caaccacttt | tttgatgata | caggggtctat | gtatatattat | 240 |
| tacatgtatg | tatatatgta | tatatatatg | catgtgtata | tatgtacata | catacatata | 300 |
| gatgtgcttg | tactagtgtt | tttcccacca | gatagtttagc | ctttcttctc | cccttgctca | 360 |
| cttttttttt | tttttttttg | agatgaagtc | tcactcttgt | cccccaggct | agagtggagt | 420 |

```

ggcacgatct cggctcactg taacctccgc ctcttggtt caagtgatc tctgectca 480
gcctcccag tagctgggat tacaggtacc tgccaccacg cctggctaata tttgtattt 540
tcaatagaga caggggtttca ccatgttggc caggatggtc ttgaactcct gcctcagggg 600
gateccaccg cctcggnctc ccaaagtgc gggattacag gcatgancca ctgnaccac 660
ccaaggggna aaacttttat ttagaaaaaa ctttaacttct actcgttaga aaaacngtt 720
ttgaataatc taatttttaa aaatgcatta actatgtctt atnttggctn acacatttta 780
attgn 785

```

<210> 4071

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 4071

```

ttnaaccage tcttgtcttt gcggatccct cgattcgaat tcggcacgag gaggaagtga 60
gattgtgcat gacatacttc tcttttgtat tctctcagtg ccttacagca gggtactcca 120
ttctgctatg acaacttgtt tcaaagtta atttacatag gattttttat aagccattaa 180
ggcatatgta tagtatatca gtaaagatgg atggtgcata tataaatagt cttctgtaat 240
agtattgga tttacttctc aattatgaga gacaaaaatt atccctcac ctgtctctat 300
tctttcaaca ggttgatccc ttttcatgat ttttcattag gtggttcagg aagtttccat 360
attacagcgc ttcagactgt atatgttagt ttaaaaatca ctttctctc tctcaacttc 420
tttctttttt ttttgaagac ttaattttaa aaatttgggt tgtagatcc gtatcataga 480
tttggcctag cctcttctgt taacctagtc cacagatgag cgaatctggt tagttgaagg 540
acattgtgat ttgactctgg tcacgcgagg aagtagaagg gcaaagacag gaccggcagt 600
ttacatttcc agtggtttaa cctcacggga ctttgggacc tgcttggttaa ctttttgggg 660
gtggtctgga ggccaatcta acctggacca ttttctggnc ccctcaaca gagagagga 720
aagcaacctt ggccaatga ggagtaaaaa taaccttggg ctttcagaga tttgaagaat 780
agaagaactt ct 792

```

<210> 4072

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 4072

```

tgnnatctat gctggctctc gttcttttgc aggatccctc gattcgaatt cggcacgagc 60
acacttggag ctcatacaaa ctttttccca ggctattgtc tgttcttcaa gccattcac 120
ctccccataa aatcatgtat tcttctcaa aaattgncta ttatcttcaa cttcccttcc 180
cccatgaaa agtgttgagg cttattctga gccaatatga gtgacctagg cctgagaacc 240
caatatgagt gaccatggcc tgagaacct ctcaagagct ccttcaacag ttgtgactga 300
gcttgctcang ttgcagtttg gttttatata ttctagggag acaggaatta taggtaaaat 360
cataaatcta tatntagaan gtntacattg gttcagccta aaggggtggg atatcttgaa 420
ggcanggttg aggggatgct tacagatcat angnnaattc aaagatttct tgattggcag 480
ttggntgaaa gagttaagtt ttgtctaaan acttgaagtc antagaaaca aaaatgcttg 540
agtaaagata aggggggtng cgagggccaa ngtttttggg atgttnnatga agcttcatag 600
atcacagnct tnnagagana tagaagataa atgtctcttt tcagacttta aaaggttcag 660

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actctcaggt | taatctcttc | tagatccang | aaaagcctcc | aaaagaaaag | gcctgactcc | 720 |
| cattaatggg | ggattcttnt | tacaanaatg | caaaatttnc | ccccacaaaa | nnatggcttt | 780 |
| tnccagaacc | ccatttcaaa | at | | | | 802 |

<210> 4073
 <211> 887
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (887)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 4073 | | | | | | |
| ntntatnnag | ctcttntctt | tttgcaggat | cccatcgatt | cgaattcggc | acgagactgg | 60 |
| ttaaatagcc | cttgatgact | tttcatgtgg | catgagaggg | atatgcttat | aaagcttaat | 120 |
| tctgatatta | tcctcttact | acctacagta | tgttttgcaa | aatcagtc | acttagcaaa | 180 |
| ctaactcttg | taaagcagtc | agtttcagaa | gatacttttt | atcaaaaaag | atggcagggt | 240 |
| taacattata | ccttttggtt | tttgcccaac | atttgattta | atctaaagca | agaatataaa | 300 |
| ataattttta | gaagcatata | atttcttttg | ataaaaagta | acaaaaattt | aatgcagatc | 360 |
| aaagaccaag | gcttgtaacc | aaaacaagca | aaaagaaact | ttagctgttt | aactatcacc | 420 |
| tctctaattt | aaaatgcatg | aaaattaata | ctttgttttt | gttttttttt | ggaaacagtc | 480 |
| tcactctgtc | accaggtcg | gaggtcgag | tgagctgaga | tcctgccact | gactccaacc | 540 |
| tgggggtaac | agagcgagac | tctgtcttca | aaaaaaaaaa | aaaggtgtna | tttggaaatg | 600 |
| gaaaatctan | ggtaaaggga | agctttnaaa | aatgttggtg | ttttttttcc | ctggnaaata | 660 |
| aaaccttttt | attggaattt | aaatggncct | ttgggnaaaa | aaggaacntc | caccattgga | 720 |
| aaaaagggng | ggcctttttt | tatttntttt | tggggtaggg | ggaatnaaaa | aacccccctt | 780 |
| tgggccccnt | tttnaaatan | cccnttngn | cccaaaattt | ggaaaagccc | aatttttttt | 840 |
| ttaaaatgga | anggggttta | ccctgggnaa | atttgggttt | taaaann | | 887 |

<210> 4074
 <211> 851
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (851)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|-----|
| <400> 4074 | | | | | | |
| ggnnnnnnncg | nnnatattaga | ccagctcttg | ttnttttgca | ggatcccatc | gattcgaatt | 60 |
| cggcacgagg | agtatttgct | ggtgcattgg | agagtttcac | gtaattcttg | tgagatttca | 120 |
| gcaagagagt | ttgccggcat | gctttgcaca | gccccctggt | cccagtaagg | cgattattag | 180 |
| cattggtgct | tgctggaatc | agatattcca | gaatattctg | tcacagctca | tcgntgccct | 240 |
| cttcttttct | gtgggtaaac | tgaggcagaa | actcaggctg | ggtggaactc | tgagacctca | 300 |
| gctggagacc | tcgtctggcc | aaggactgtg | gggacacagg | ccctntaggc | tgccacctca | 360 |
| tggtcccagc | atgagggcac | cagaactgca | cagaaagtct | cactacccaa | gtgtctgagc | 420 |
| caggccagac | tgtgctagcc | agacctgccc | ggggttcatt | cactgacctt | tattgagcac | 480 |
| ctactgtatg | cccagcccca | aacctggctc | tgctcatgga | aaagaacttc | agtggaaaca | 540 |
| ggtcctggga | tgaacaangg | cctggccctg | cctgggtgatg | ccactatttc | tttaaagagg | 600 |
| gagagtggac | aattcccggg | tttattgtca | gggggggagg | cttcattttc | ttgctggtnn | 660 |
| taaccanaaa | taccacaaag | acttgggggtc | nttttttagaa | aaccatttag | aaaactngan | 720 |
| ttttcgtaac | ttgtttctag | aagggttggg | gaaagtcccc | nngaatacaag | ggtggccnag | 780 |
| ccagggntnt | gggttgctct | gngagggggc | cactanattt | gggnttccaa | agaanggggc | 840 |

ccctccttt t

851

<210> 4075
 <211> 836
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4075
 tatncnagct ctcgcttcttt tgcaggatcc catcgattcg tcttgactga ggttcccatc 60
 tttcttantt ctcttaagga tgtgctattc tattctagat gcataggagg gaagntaatc 120
 cagncttaga tcancagggc tnggttcttt ctccagaacca taccnnaaaa agcctnanta 180
 gaatttttagg aaagtcttat ttagaaagaa actaagaatt atgattaagt tttggcctaa 240
 gcaacttaat angcagnggt atcattttatt gngaagcaaa tnacataaga agcangttnt 300
 ggggcttggg aggaggttaag ggcngaaagt tngntattnt tttttaaacn tgtntaatnt 360
 gagacacctg ctagatatcc tantnaaatg tcatagacac ntnaatggtn cacaactttg 420
 aaactcagag agaggtcann gctggatata aacagntggg agtcaancnt attttatatt 480
 atttaaatcc anaagactgg atacggcaag ttnggaggga gtttcaatgg anaancaaaa 540
 tttttgactc tngggcactt aaacatttaa agntctgata aataggagag ggcccancaa 600
 agggaaattt gaaagaacca atcattttacg gtanggagga aaaaacttag aagggggata 660
 aatatcttca aaaaatcaaa aaaattaatt ggcntttttc aaagaaaaat nnaggnggnt 720
 tancccccctg tgggtttaaag gngnggttaa agtattcacc ttggaanaaa nanggttcaa 780
 angggcaaaag aaggcccaan ngggggccct ttttttaaag naaacttttt tcccn 836

<210> 4076
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(852)
 <223> n = A,T,C or G

<400> 4076
 nnntntttnn antacacgct ctngttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgagcnaagc tgtttttatan attanggaga ngagtgagga gagaggaata ggatagacna 120
 aggtngagat agggancact ggagaagaan acctcanagt gaggcacagg aagaggtgtg 180
 aangggaaaa gaagtggcan atgtnacgga agagcccctg nccatgagag anantggngg 240
 gantggnaag gaagggaagt tatggggcat gggncacata gcacacaaca cnacagtaag 300
 gctagagata tnaaanaaac aatgattctg agctncataa gtagcnatct cncgcttaat 360
 agacataggg ngtanctgtg acatggcgtn anctacagna ctggacatna tcaccctttt 420
 ntagggaagg agggatgcct gcagnggcct aactccanca ngttatcatg tgctatggaa 480
 gtntcgnnca caatggnggc cnccantcat gtgtccaacn ttaaataagn ctgtcgtngc 540
 tnaggaccta nnntgnaatc ttaatttcat tttaaaaatnt aaatnttccg naatggange 600
 tcaaggctng cttctttttt ggaaagtgtc ngaactgaat tgaaaccggn ttnnaaaaaa 660
 aggattagta ncccctggtn tttccccttg tncgggggca ttaaagtntc tttanccct 720
 gggaccntc cccggtnggg nccnttnna aaacncccaa aatcccattg gccccattg 780
 natTTTTTaa aaacaatttt tnaangntag naantntttt gaaaaaaaaa tgggaatttg 840
 gggggncccn nt 852

<210> 4077

<211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(897)
 <223> n = A,T,C or G

<400> 4077

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| cgnnnnnnnn | tnnnanggct | ttgccactaa | ctgaaaccct | ttgnacccan | cganncgaat | 60 |
| tcggcacgag | ggtgaaggt | tgtgtcantt | ttaaccaggt | gttgagttat | ttgatntttc | 120 |
| ctncanagat | tatttaatat | tttcaataat | atctaataat | gtgtgggaaa | ccgtaaaatt | 180 |
| tttcatacaa | actgggacaa | atgaacatgc | atactattaa | aanactncct | acaatacggc | 240 |
| ataaaanggg | ctttcttagg | ngaaccagga | ggtatagnca | gcctaatacat | nngctatgan | 300 |
| tattagtnat | ggnaggctgt | gttttatcac | tcatatatgg | aaatcttttt | tgaatgacta | 360 |
| ctctggaaat | gacgactgaa | tctcatactg | tgtacacacn | tnatcanagg | acacttaatt | 420 |
| gnattnanna | anatantttt | gaacttaact | tgngttagag | ggncagagag | gttcatnatc | 480 |
| canaaaaaatt | atnatgtggg | gctttnttcc | tttgggaaan | tgaccgntca | cacnncaggg | 540 |
| catgtgtttc | ttctnatacc | ttcaccccan | ggggcncctt | ctcttttnana | aaaannnggn | 600 |
| gncatgaaan | ntntatnatt | cttncacctn | cccnagtncn | ttgntnttgc | ttaaggnttc | 660 |
| nncennantg | ncaaggtnna | naaanngaaa | aaaagaatnn | tgggnaaagg | caattntcac | 720 |
| aaacttntaa | aaagccgggn | atcntttgnt | ntngggtaaa | netccccnnn | cctantttta | 780 |
| anatnntnnn | cnnctccggg | gggggatatt | nnnnngggcn | ntntaanncn | nnnnnanann | 840 |
| nnaagngatn | ggnggngccc | aannccaacg | anntntttnt | aaaanagngt | aaaagcn | 897 |

<210> 4078
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4078

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| ngnnnnnttg | gatancagct | acnggtnaat | ttacttcctg | caacgncccg | aatnccggcac | 60 |
| gagggttaggt | tggaacacaga | aggggcaatc | aaattttctgt | attcagatac | cttttaaagg | 120 |
| tacactgtgc | caccttgctg | cctttgattg | caaatacaaaa | gttaattttc | aaaaaggaaa | 180 |
| aacaaaacag | ctctttttcc | taaaacacat | gttgtagctc | agacctaaaa | ttctaagtct | 240 |
| tatttgtttc | tcacccatga | gttagattta | ggtaaatagta | ttagtagagt | ccttagagaa | 300 |
| tcttaagagg | tcattttactc | cacctctttc | attttaaatt | ggggtatcca | aagcctgaag | 360 |
| aggtggcctg | gccaatattg | accaagggtat | aactaaatat | gagctagcat | cttcttcctt | 420 |
| cttctcgcta | tcccttggtc | ttaaaagatt | tagtacatga | agaataatgc | attagcaaaa | 480 |
| agctcctagt | ttgtgtttcc | cctttgtgtc | tcctgttggt | ctttctgaga | caacctgaat | 540 |
| tttgccaaca | aaatatcgca | gagggattta | tattaattat | tttttagtta | gatgaatatt | 600 |
| atattcttcc | catccaaagt | gagtgttttg | ctaggttttg | ttagggaggg | aaaaagcaag | 660 |
| aataatgtga | gaagaatcta | aatgcgaagt | tgattttgtg | tggnaaactg | gttatttagtt | 720 |
| ccatcaggaa | tttctgnttt | tattttttga | gctattgaga | agtgcagatga | gatttgaaaa | 780 |
| attagg | | | | | | 786 |

<210> 4079
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 4079

| | | | | | | |
|-------------|-------------|------------|-------------|------------|------------|-----|
| ggnnnnnntnn | nnnnntnta | tnnnagctac | ttgttctttt | tgcagggatc | ccatcgattc | 60 |
| gaattcggca | cgagggcagc | agcagcagca | gcagcagtg | tggaacgagg | aggtggagaa | 120 |
| ttgagagcac | gatgcataca | caggtgtttc | tgagtagtaa | ttagatcgct | gtgaaggaaa | 180 |
| aagcacacct | ttgagttttc | acctgtgaac | actatagcgc | tgagagagac | agtctgaaag | 240 |
| cagaggaaga | catcgatcag | taacaccaag | agacaccaa | gttgaaagt | ttgttttctt | 300 |
| tccctctgtt | ttatttttcc | cccgtgtgtc | cctactatgg | tcagaaagcc | tgttgtgtcc | 360 |
| accatctcca | aaggagggtta | cctgcaggga | aatgttaacg | ggaggctgcc | ttccctgggc | 420 |
| aacaaggagc | cacctgggca | ggagaaagt | cagctgaaga | ggaaagtcac | tttactgagg | 480 |
| ggagtctcca | ttatcattgg | caccatcatt | ggagcaggaa | tottcatctc | tcctaagggc | 540 |
| gtgctccaaa | acacgggcag | cgtgggcatg | tcttttgacc | atctggacgg | tgtgtggggt | 600 |
| cctgtcacta | tttggagctt | tgtcttatgc | tgaattggga | acaactataa | agaaatctgg | 660 |
| aggtcattac | acatatat | ttgggaagt | tttgggtccat | taccagcttt | ttgtaccaat | 720 |
| ctnggggtggn | actnctcata | atacgccctg | cagctactgn | tgngatatnc | ctggcatttg | 780 |
| gaacctacc | atttttggaa | | | | | 800 |

<210> 4080
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4080

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| tnnnnnntttt | anancagctc | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gagcttgctt | gaaatacaga | atgtccagat | ctactgagtc | agaatttaca | ttttcaaaag | 120 |
| cttcctacgt | gactcatgca | tattaaagt | tggaagcac | tgacttagat | taccttttga | 180 |
| gaattccaga | tggttcagaa | accagacaga | aatactcagt | agtgagaagc | tatgggtgtat | 240 |
| cagaagctgt | taggcatttc | atggtttgg | agtgagcaag | acagatagtt | ttcctgtatt | 300 |
| cagcgactta | gtctagagag | agacaggatg | gaattaagt | tttaggtgct | agccaaaagt | 360 |
| aaagattcgt | agaaaacaag | ggttcatatc | ccagtcatca | aagtgataaa | ttttccctgc | 420 |
| ttaacattta | gattaaaaag | taataattag | gccagggtgt | gtggctcaca | cctgtaatcc | 480 |
| cagcactttt | ggaggctgag | gtggacagat | cacttgagct | caggaattcg | agaccagcct | 540 |
| gggcaacatg | gtgaaacccc | atctntacaa | aaaataccaa | agtcnggcac | ggttggttgt | 600 |
| gtgtgcctgt | ggttccagct | acaccggang | cagangcagg | agaatcactt | gagcctggga | 660 |
| ngcaaangtt | gcaatgagcc | aanattgggt | ctttggactc | tagccctggg | cgacangggag | 720 |
| tgaacagtc | ttcaaaaaaa | aaagcctnta | aaactatagt | gagtcgttta | cgtngatcca | 780 |
| gacn | | | | | | 784 |

<210> 4081
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4081

```

nnnnnnntttt atancagctc tngttctttt tgcaggatcc catcgattcg aattcggcac      60
gagcttggat  gtatgtttta atatgtatac cttataattc tgcctctagc caaatgctat      120
gtttgcaaaa  tgtggcatct gttagttttt attgtctgtg tcttctttgt ttactatacc      180
ttgggtaatt  ttgtgttacc aaaaaaaaaa aaaaggaagt gtaatgtcag acacacaaga      240
aaagcaaadc  agtgttgtaa gcttaaagta caatttcaa ggtcattacc aacagcaggg      300
ttttttttat  actttaaaaa cattatgcta catatcattg ccattttcat attttgggg      360
tttgctactc  ttatacaatg gaatcaatgg aaatgtcatc cagccactga attgccatta      420
ttatatctaa  aaagtttcta agatgacagt tatcactatt ttgttttât cccatgctga      480
catttgaaag  aaggtctagt atccctctag ccagattgct tagtttttcg ttggtaatca      540
aacaacagtt  gtactaaagg aaagtaaagc taggacctaa atcagaatca tagttgcctg      600
catatatggt  aacaaggncg tgtgcatttg ctttcacagt gatgagtga aggatgagaa      660
naaattattt  gacatttttc ttgtgggtga atagaanaca ctttctttt gtctttagg      720
ttangngnga  gatactaaaa aaacctggga tgtttatcct atcttaaatt nggggtgggag      780
taataaaaaa                                     790

```

<210> 4082

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 4082

```

ntatnctggc tactngttct ttntgcagga tcccatcgat tcgaattcgg caccagggttg      60
gttgtaactt ttgcattata ccacccactt gtaatatctc tgccttgaag aggaaaaacc      120
aggaacattt cctagaatcc ccttcccgtt atgatcccaa gttaggatat gccagtgaga      180
gggtgctgtt tagtcccttt tgcctgctgt gacaaaatga cacagactgg gtagcttata      240
aacaacagaa atttatttcc cacacttctg gaggtctggaa agtccaagat cagggtattg      300
gtagattctg tgtctgggtga gggctcattt tctgattcat cgatggcacc ttctcagggg      360
tcctcacatg cgggaattgat aacgcagatc tctgggatct cttttataag ggcactaatc      420
ccattcatga ggggttctgcc ttcataatct aaccacctat caaaggcccc atttctagta      480
ccgttacctt aggggttagg atttcaacat gacctctggg gagatacatt cagcccatag      540
caggtactca caatagaata agaaggcaaa gcaagggaagc ttttattctc aggatgtggg      600
aaagcatcac ccacttctcc agtaagttgt ggnctgtttc aatttctcaa tttcttcacc      660
agcttccact tttgcagttg tgtcagccaa tcaacgacag ctttccaaaa ntccgtgca      720
agtgcctgct tttganggca aaggnggnca taaaatngga agcttcttca ggctccttcc      780
acaatctn                                     788

```

<210> 4083

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (889)

<223> n = A,T,C or G

<400> 4083

```

ggnnnnnnnan ngnnntttta atncttgeta ctggttctnt ntgcaggatc ccatcgattc      60
gaattcggca cgaggaggaa gcatatacca cagaacattg gctggtcagg atatacaagg      120
taaaggacct ggataatcga ggcttgtcaa ggacataaat gtnacgtcca gctctnatat      180

```

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| gcttcgcact | gagcacatca | catttaggac | gttgaagatt | tttttttttt | ttttaatatg | 240 |
| cannttgtaa | gaacaaaact | ggatggcatc | anaattgnct | ggaagttttg | tcttgggcca | 300 |
| aatgaaatga | tttttataat | tctaaacagg | ttaccaaatg | aaatgtcatg | gctttacttt | 360 |
| ggtcaattaa | aggggggaat | ttttttttaa | aaantgaaat | gctnacactt | atntctgnaa | 420 |
| antatatnga | aaatgnatac | cntggngcct | attgangntt | ttggnggggtc | antttcnnt | 480 |
| taccnncn | ccaantnga | aaactttntn | nttttggncc | atcccacccc | ttttgcnng | 540 |
| gcnnttaant | nacaaantg | ctttttttcc | cntnaangtn | tgggaaaaaa | naactttntcc | 600 |
| ttnttntctt | aacccctttt | cnccccngng | gtttcttgnt | taaaaanntt | cctntnttaa | 660 |
| aaatagncaa | ctcttttntt | ttnttttnaa | ngggntacca | naaaaaaaaa | aatagggggg | 720 |
| ggtttntaaa | anatgggatt | ggccccnncn | acngggaacc | caattgggnt | cccttnnaat | 780 |
| aaaacctttt | ttttnccaan | atnaangggg | gcctttttcg | cntcnantnn | ngcggttan | 840 |
| aaaaggggcn | ntancccggt | gtttcttttn | gggnaaatcg | canccttc | | 889 |

<210> 4084

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4084

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|-----|
| ntgnnttttt | attcagctac | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gagagggggc | gggcccgtac | gccgattcca | tatgggcgcc | ggcgcgagc | gccgcggggc | 120 |
| agcgcggggt | cgccatggct | gagctgcanc | agctccgggt | gcaggaggcg | gtggagtcca | 180 |
| tgggtgaagag | tctggaaaga | gagaacatcc | ggaagatgca | gggtctcatg | ttccggtgca | 240 |
| gcgccagctg | ttgtgaggac | agccaggcct | ccatgaagca | ggtgcaccag | tgcacgagc | 300 |
| gctgccatgt | gcctctggct | caagcccagg | ctttggtcac | cagtgaagctg | gagaagttcc | 360 |
| aggaccgcct | ggcccgggtg | accatgcatt | gcaacgacaa | agccaaagat | tcaatagatg | 420 |
| ctgggagtaa | ggagcttcag | gtgaagcaca | gctggacagt | tgtgtgacca | agtgtgtgga | 480 |
| tgaccacatg | cacctcatcc | caactatgac | caanaagatg | aaggaggctc | tcttatcaat | 540 |
| tggaaaataa | aagttttttg | cagtggccat | caagggcttg | agggcaagaa | tattttttt | 600 |
| attagggaaa | aaaaaaaaaa | agcctnttng | aacttttagt | gagttcgtat | tacgtanaat | 660 |
| nccagacatt | gataaggata | catttgattg | aggtttggga | ccaaaccaca | accttgggaat | 720 |
| tgccagnngg | aaaaaaaaatg | cttttttttt | gtgnaaaatt | tgnggaatgg | ctatttgggt | 780 |
| tttanttgggt | aaaccaatta | ttaagcttgc | aaataaaaaca | aggttnan | | 828 |

<210> 4085

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4085

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| nnnnnnntta | nancagctct | tgtctttttt | caggatccca | tcgattcgaa | ttcggcacga | 60 |
| ggttactttc | tttctcacac | aaaggaaaaa | agagactatc | tttagggaaa | cactgcttta | 120 |
| aatcatcttc | cttgaatatt | aattctctgt | tgtctctccc | aaaaatggag | aaaataatcc | 180 |
| ctaccctcat | aggcttatta | taaggctcaa | ttatgataat | ggtgtgaaaa | ctttgaaaat | 240 |
| tagacttcag | agaaattgag | ttaatctggg | attattttatc | aatgtcttag | taaccaaag | 300 |
| tttaaaatgt | gttttgtcta | ccaactgggt | gcatgtacat | ggttaatcca | aaaggctcag | 360 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cttttcagca | aatggaaaaa | gattaacttc | tttatggatc | acattatgag | atgaaacaca | 420 |
| tttcattcta | gctgctgaaa | aaatagcaac | atgtttttga | aaccattgtg | attttgtatt | 480 |
| gcagtcacta | aaacatcaaa | tatatcattt | ttatgttaaa | gtgcccta | ttgtgttggt | 540 |
| acataaaact | tggagtacct | tggccaaata | gaagaaatta | atgtgccg | tgtctgtttt | 600 |
| aaaagaatga | aatctgagcc | cagtgtgang | ctcatgcctg | taatcccacc | cctttgggag | 660 |
| gcttgaggca | nggaaaaatg | cttgagtnca | ngagtggag | accancccg | ccacatang | 720 |
| agaccttttc | tnttccaaaa | aattaaaaaa | ttgnccgnca | tggggggccc | atgccgtgta | 780 |
| ggccccct | | | | | | 789 |

<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4086

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| gnnnnnnttcn | aatactgntc | ttgttctttt | gcaggaccca | tcgattcgaa | ttcggcacga | 60 |
| gaaacagtct | atacatgttc | agtacagatg | cagccatcca | ttttcttgct | caaataattt | 120 |
| ttatctccag | ttggttgaat | ccattgatgc | agaaaccacg | gatacggaga | gctgactctg | 180 |
| tgtgtgtgtg | tgtatactca | ccaattcttt | atattattcaa | caaataattt | ttgaatttct | 240 |
| actatgtgtg | aagcatagtt | cacgatcctg | gggatatagt | agacaagctc | cctgccttat | 300 |
| tgagctcaca | ttcttatggg | gaagggcagg | ttcagggcct | tctcagatct | ttgctgggca | 360 |
| tgcacacagc | cctgtgcata | tgctgctttg | tggattccca | caatgagctg | aagcttttca | 420 |
| aagctcctag | ggacgtacca | ttctctggct | tttccctttg | agcttttagt | tagccttttg | 480 |
| tttgccctaa | tatcacccac | tactcaggca | ggaatgaagt | caaacaattg | tcttgaaata | 540 |
| ttttcaataa | atgcctctgg | agaaaagggt | ttttattttt | ttagccctgg | ataagatcct | 600 |
| ggttagggtg | aataaangca | gccttgcaag | tgggggcttt | ccnggaagca | ccagacagac | 660 |
| aaataactac | agtccatgag | aatgaacttt | gaagggctct | naccccatc | tgctttatta | 720 |
| agggntggca | ngntcctggg | ggtcancaag | atgggggact | ggttggcttt | caagn | 775 |

<210> 4087

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4087

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|-----|
| tnnnnntttta | atcagctctt | gttctttttg | caggatccca | tcgattcgaa | ttcggcacga | 60 |
| ggggccagcgg | atcgctgcga | gtggccttga | aggcagctgc | tcaggtgaa | gagtaggcgg | 120 |
| cggggcagag | agcggcctcc | gagggtcacc | tgaatggttg | agcatggacc | ctgttgctac | 180 |
| ccacagctgc | catctgctcc | agcaactgca | tgagcagcga | atccaaggcc | tgctttgtga | 240 |
| ctgtatgttg | gtggtaaaaag | gagtctgctt | taaagcgc | atagaatgtcc | tggcagcatt | 300 |
| cagccagtat | tttaggtggg | tatttttagac | ttcattctcc | tagctgtgaa | ttaagggtaa | 360 |
| agctctttta | gtatggaagt | attcatat | tgctctcctt | ggatttcact | atctttatct | 420 |
| tttatagcac | attggatttt | gtaggagttg | ttttaatttt | taagtttggt | aaccattttt | 480 |
| attattttttg | cttttgnngt | tagagtaacc | tgaagaaaga | agaggctctt | aagtaaaatg | 540 |
| aatttgggat | gactgaaagt | attttgggtg | nttggttttc | attttactaa | ttctggctaa | 600 |
| tgtcannott | ctacatatat | ttcttatcct | ttcaagaaaa | aatgatgggg | gaattaaatt | 660 |

nccngtcana aattttnttg tgataanaaa tcaggggaaa aacatatttg ggggtggant 720
tctttntttt tttcttaant aaannnttta nttttggnntn tnatttnnaaa 770

<210> 4088
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4088
taaanccgct cttgttcttt ttgcaggatc ccacgatc gaattcggca cgagagggaa 60
aatatgacaa acctcaacta tgggagttgt ccacaatata aaattttgaa aaaacattac 120
atagtataaa tatcatactt ggttgtagg cttgttgctt ccccatatca gaggcattca 180
atgatttatt ttttgtaatt gctgtgaact tttttaataa agccatttag tgtgaaattg 240
tcagtataca aatggctatt ggaaatggac ttactcaat tttaattcca ctgtaaataa 300
ggacggagtc attcctacaa ggctctcttc agagaaatag attaaaagtc caatttccag 360
gtattattag tatagttatg ccgctgggac acatcctcaa caacagctga tccctcttgt 420
ataaatatgt taactgtgca gaacagttat gttatgggac aaatataatg gtcattatgg 480
tcagatttgt tgatgccaca ccagtcaagg tagagtctga tagggcagta tcttaataac 540
cctcccatga cttactgtt ggatttgaaa ggaaaacgta ggatttgctc ttgnccctt 600
ccccacaaa attttgataa tttgttttaa aagggagang cngaggaaaa gactngaacc 660
ttaaatngct gctttanggt ttgccagang cccatactta acattagtct ttaaaattcg 720
anggtatttt actaatgnaa ttaatcaaca gagcccnag gantttttta tggg 774

<210> 4089
<211> 844
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(844)
<223> n = A,T,C or G

<400> 4089
nnnnnnnnnn nttntatana tacagctact tgttcttttt gcaggatccc atcgattcgc 60
ttgttttaaa gataattgct agatttatgt tttagctttc cataaaatgt aataacataa 120
aataaaatat aaataaaaata tgaaataaaa taaaagccat ggggaaaagg tagggtttga 180
ttgctaataa gaaatttctt ggaaaagaga ctactctctt tttggttttc caaagtccac 240
attttataac attttttagtg cttgggtgtt gcttgttgta ttacattaga taaaaatgta 300
tcacagtgtt ggtttatact ggatgtttta ataggattca ttgaaagggg tgtgttttct 360
ttctgaggaa tacttactca gcattttctt cagaaagtta cttgctgcta atcctttatg 420
gaggctctag gggaacatca ttttcttgcc ttttccagct tctacaggct gtccacatcc 480
tcagctagtg gcccttttct atcctttttt ttttcttga attatgagat tttttgtact 540
ttgagttctg ggatacatgt gcagaacgtg caggtttgct acataggtat acaagtgcc 600
tggtgggttg ctgtacccat caacctgtca tctacattag gtatttctcc taatgctatc 660
ccaccctag ccccttacc cctnacagtc cccggtgtga tgttccctc ctgtgtccat 720
gtgtgctcat tggtaactn ccacttatga ntgagaacat gcannggttg ggntttctgg 780
tcctgngtga agttgctgan aatgatggnt tccagcttta ttcagtctct gcaaaggaca 840
tgaa 844

<210> 4090

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4090

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| gnccttttga | aatcccttnt | aacncaaacy | cttggcaaac | nccctttctn | cangcancce | 60 |
| ntgcgntncg | aattcggcac | gaggccaaat | gccggaattt | aaaacctggc | ttntaaaaag | 120 |
| aatgattttg | aacaaggcga | attatatattg | agagaaaagt | ttgaaaattc | aattgaatcc | 180 |
| ctaagattat | ttaaaaatga | tcctttgttc | ttcaaacctg | gtagtcagtt | tttgtattca | 240 |
| acttttggct | ataccctact | ggcagccata | gtagagagag | cttcaggatg | taaatatttg | 300 |
| gactatatgc | agaaaatatt | ccatgacttg | gatatgctga | cgactgtgca | ggaagaaaac | 360 |
| gagccagtga | tttacaatag | agcaagattt | tatgtttaca | ataaaaagaa | acgtcttgtc | 420 |
| aacacacctt | acgtggataa | ctcctataaa | tgggctgggtg | gtggatttct | gtctacagtg | 480 |
| ggtgaccttc | tgaaatttgg | gaatgtaatg | ctttatgggt | accaagtggg | gctgtttaag | 540 |
| aactcaaagt | aaaatctttt | acctggatac | ctcaaaccag | aaacaatggg | tatgatgtgg | 600 |
| accccgctcc | ctaacacaga | gatgtcttgg | gataaagagg | gtaaatatgc | caatggcgtg | 660 |
| gggtgttgtg | gaaaagaaca | aacgtatggg | tccgtgtaga | aagcaacggc | attatgcttc | 720 |
| acatactgga | ngggcantgg | gtgccagtag | tgtcctctgg | tcctcctgaa | aantgg | 776 |

<210> 4091
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4091

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ngtttttaaa | atacagctac | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gaggaatgga | gttccacctg | ggctgtttta | ttactattt | gccccctcgt | ttcttcatct | 120 |
| gtaaaacaga | aatgataacc | ttactattaa | ttgtgtgacc | ttggacaagt | tacaacatct | 180 |
| ccctgggcgc | gattgtccca | tctgaaggct | ataatagcac | ctgccacaga | ggatggtagt | 240 |
| aaggattaaa | ttagttaatc | catgtaaatt | acctaggtaa | gtgcctgcca | tatagcaagt | 300 |
| gcttgggtact | tttttttaaa | aatcactggg | atgactattg | cagacacctt | tgccatgatt | 360 |
| ggaatagctg | gaatccaaac | tcaagccttc | catttccagg | gttctggctg | gtgtggggct | 420 |
| gacagacctg | gatggggatt | cccagctctg | cctctcttca | gctgagcaag | tacttggaac | 480 |
| ctctctgagc | tgattctgtg | tcagctgtaa | aataatagtt | tgtactttgc | aggggtgttg | 540 |
| taaggcaatg | gtctccagcc | tttttggcac | cagggaccag | ttttggggga | agaaaatttt | 600 |
| tncatggaca | gggntgctna | aggggatgtt | ttnaagctcc | catgaggatt | taatgcggcc | 660 |
| ggccccggng | gcttaccctt | gtaatcccaa | nacttttgga | agcccaagtg | ngccggatcc | 720 |
| ccaggtcagg | gaaacgagac | cntcctggta | acatggggaa | ac | | 762 |

<210> 4092
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4092

```

ngtcatttgn tngatacagg ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggag gagttaaatt ttgaagctct ttgagaaagg taccttttct taacatgttt      120
taaaaaataaa aatacaatgg cttattttaa atgtccctat gcatgggtgaa atgttaaata      180
ccaagtggat gaatggttct caaatatatt gtaatggaga attattcaca tgcattctatt      240
gtttaaacta ataagtaaaa tagacttctt ttttctgttc tgttttaaat gtgcactaaa      300
attacctgct tgtgggttagc atgggctgga cagttttattg atttttcaga agaattgcttg      360
gctttgggtt tttggcaata gggagcctgc agcaaattat ttcatttgac aaaaaagagt      420
tattttaatc ctatttgaat gtatgctatc tcctttaccc tcccatctt atgataaaag      480
gtctctcttt tttctcttcc aggtttgcag ctaaaactgt gcacagtggg tcattgatgc      540
tagtcacagt ggaactgaag gaaggctcta cagcccactt atcataaaca ctgagaaaac      600
tgtgattggc tctgttctgc tgcgggaact gaacctgtcc tgtctcangg gtaacctgct      660
tacatctgga ctttanaatc tggcacacaa caaaagtgcc tggcatcact actgntgcct      720
ttcatttata ataatagccc ttctcttgc agtgggggta ga                          762

```

<210> 4093

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4093

```

ggnnnnnnngt ctttcaaant ctaggctact ngttctttnt gcaggatccc atcgattcgc      60
tcaagtnecc nccacaccgg gccgtcctgg actgnccctt ctacgatcca acgcatgcct      120
gnagtggagg actagatcat canttganaa tgcttgatnt gaacactgnt cnagaaaatn      180
tngtngggac acatgatgcc cnnntnanat gtgnngnata ctgtccaaan ctgaatntna      240
tggtcncctg natntngnnt cagncnnata aactgcngga tcnnncanct tctngnaatn      300
cnnggaccnn nnctnngccn gaatangtgt atacctctc nangtcttgg agaccgncng      360
gttgtgggna cngcaagnct gccnnngntt actnccatnt tangccaaca tgggtatncc      420
antcttggtt gngatanacc atcctgcctt accngacttg atgngttcga gnntnngcaa      480
actnnnnngg cttggnatta agctgnttag aangccaagn nnattctgan aatntggacc      540
tgngccttng ggccataaaa aagcgnatgn cmtttctnn ggccaaacna tgataacctg      600
attnccatcg atttcaccct tganaatggc ttcanntnta aactnaatac ncaantnntt      660
atentcaang nggaccgnaa acgcttngng aanctttttg ggggggnncan tnttgcaaaa      720
cnngaaangt gccattttaa anccaaactc gcaattgngc aanttnantt caattgcctn      780
gaataattgg agang                          795

```

<210> 4094

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4094

```

natggntttt nannatacag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg      60

```

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| cacgagacag | agcgagcact | ccagttcaaa | aaaataaata | aaaattaaaa | aataaaataa | 120 |
| aataaaaaat | ttactaggca | tccagcattc | attaaggaga | ataattcagt | taaggaggaa | 180 |
| aagaattctg | ggattctggg | aatttcctta | accaataaag | agtatgtgtg | agaaacctac | 240 |
| tgctaacatc | atacttaatg | gtaaaagtc | aaagatcagc | aaaaagagga | tacctggtct | 300 |
| aaacacttcc | actaagcatt | atactggaag | ttctagctag | tgcaataaat | gaaagaatac | 360 |
| aaagtatcca | gattggaaag | gaagtaaaat | catctttatt | aacagattat | atgattgtct | 420 |
| atataaaaaa | aatctgaagg | tatctacaac | actattagaa | ctaaatgagc | ttagtggagac | 480 |
| tgcaaaaata | agatcaatat | atataaagca | gatgattttg | catgactagc | catgaacaat | 540 |
| ctgaacctta | aaaccttaaa | tgccatttat | acaccatana | caatatgaaa | tncatagtga | 600 |
| tgcatctggc | aaaagaagtg | caagatgtat | agtataaaaa | ttaaaacact | ttggggagaac | 660 |
| tttaaaaagc | ctaaatgaga | ttactatgtc | agagactcca | gactcatacc | ataatatgca | 720 |
| atcttccacc | tgccctaagat | cagtgaatcc | | | | 750 |

<210> 4095

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4095

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| gnnnnnnnnng | ntttnttnca | gctacaggct | acttgttctt | tttgcaggat | cccatcgatt | 60 |
| cgaattcggc | acgagaggac | attctcctac | atagccgtat | attctcatta | taccagcaa | 120 |
| atattcaatc | atattatcta | aggtacactc | cacattcaga | aaaaaaaaatg | ccctttacca | 180 |
| tagtttttgt | tttgcttttg | gttttgatca | aagattacag | gtgtgagcca | ccgcaactgg | 240 |
| cccactgtgt | tacgatttga | aataaaaagg | aacctgtcaa | gtaccagag | aatatcagaa | 300 |
| ctgctgtccg | atctcctgaa | attgaaatta | atttctcag | tgactcaata | cccactgcca | 360 |
| ctcactcaag | ccctgcaagt | tcaagccaaa | tcactcctgcc | accacaggaa | tctgatgggt | 420 |
| cacgctgctg | cctactgaaa | atggggattt | gggttagtga | taaaataggt | taaaacacat | 480 |
| aaaataggta | aactagggtg | aaatacagta | agaatgggtg | agaggagaga | aaaagaaact | 540 |
| tcanttttagg | aagcataata | ctacttaaaa | tttctcgaga | ataaatttgn | cttctagaca | 600 |
| acacanagna | nnntanncn | nnnnnnnnnn | nnnantnnna | aaaaagcctn | taaactntag | 660 |
| gagtcnttta | cgnaatcccn | acntgtnaga | tncttgatga | nttggacaac | ccacttgaat | 720 |
| gcagngaaaa | aatgcttttt | gngaaatngg | agctttgn | | | 758 |

<210> 4096

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4096

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| gnnnnnttttn | aanatacagg | ctacttgttc | tttttgcagg | gatcccatcg | attcgaattc | 60 |
| ggcacgagac | gggagctagt | gacggcattt | ctacgatcct | gaagatcctc | gtctccgggg | 120 |
| gcggcaagtc | acggacaggt | gtgatgatcc | ccatcccaca | atatcccctc | tattcagctg | 180 |
| tcactctctga | gctcgacgcc | atccaggtga | attactacct | ggacgaggag | aactgctggg | 240 |
| cgctgaatgt | gaatgagctc | cggcgggcgg | tgcaaggaggc | caaagaccac | tgtgatccta | 300 |
| aggtgctctg | cataatcaac | cctgggaacc | ccacaggcca | ggtacaaagc | agaaagtgca | 360 |
| tagaagatgt | gatccacttt | gcctgggaag | agaactcttt | ctcctgggctg | atgaggtgta | 420 |

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| ccaggacaac | ntgtactctc | cagattgcag | attccactcc | ttcaanaang | tgctgtacna | 480 |
| natggggccc | gagtacttca | tcaacgtgga | gctcgcctnc | tttcacttca | cctncaaagg | 540 |
| nctnctggg | ccnatgtggt | tacanaacgag | gcttcatnga | ggmmaatcaa | cctgccccctg | 600 |
| anatcaaggg | ccanttggtg | aaactgcttt | cggnnctcct | tgtgccccnc | aatatntggt | 660 |
| caaggccgcn | ntggacattt | ttngtgaacc | cccttgggcca | tgccctnaact | tcaaaacaat | 720 |
| tnaaatgntt | tttttttttg | nnncaaatta | naacctnact | tantttttgcc | a | 771 |

<210> 4097

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4097

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gnttaanncn | tnatacagct | acttgttctt | tttgcaggat | cccatcgatt | cgaattcggc | 60 |
| acgaggtctg | tgggcctgga | agtccagggt | gggccactcg | ctaattctca | tgtgttgctc | 120 |
| cggccccctc | agctgcagg | gggtgtggag | tttgaggcca | gcacaaggat | gcaggacacc | 180 |
| agcgtctcct | tcggttacca | gctggacctg | cccaaggcca | acctcctctt | caaaggtaaa | 240 |
| ggtctcggtt | cccctacg | ggaaacaggc | aggaggtgac | tcaactctga | gtggatgtgt | 300 |
| ggggccaccac | aggtgctgga | ggacagtgtg | ctgccaccct | gtgggcctcc | acattaccgg | 360 |
| ggaacacttg | ttaaaaggta | ggtggggccg | ggtgcggttg | ctcacgcctg | taatcccagc | 420 |
| actttgggag | gccaaggcgg | gccgaggtaa | ggagattgag | accatcctgg | ctaacacggt | 480 |
| gaaactccgt | ctctactaaa | aatacaaaaa | caaaattagc | cnggtgtggt | tgccggtgcc | 540 |
| tatagtccaa | ctactgagct | naagcnggaa | aatggtatga | accaggaag | cggacttgcg | 600 |
| gtgaacccag | atcgtgccac | cgacttcaac | ctgggcgaca | gacaagaatt | catttnaaaa | 660 |
| aaaaaaaaaag | tagtggacaa | ccctntacta | tgtttatctt | gggaaaaaaa | agtnnggttna | 720 |
| acggncaagc | cttgtgaata | accctgtaat | nccaacn | | | 757 |

<210> 4098

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4098

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| gntttananc | agctnntagc | tacttgttct | ttttgcagga | tccctcgatt | cgaaggatg | 60 |
| ggcgcatccg | agaaggagac | cgcattatcc | agattaatgg | gatagagggtg | cagaaccgtg | 120 |
| aagaggctgt | ggctcttcta | accagtgaag | aaaataaaaa | cttttcattg | ctgattgcaa | 180 |
| ggcctgaact | ccagctggat | gagggctgga | tggatgatga | caggaacgac | tttctggtgt | 240 |
| tggatgtcaa | tgatgatttt | tctgaggaag | taaccaaaaca | agaagacctc | atgagagagg | 300 |
| taaacacctt | tgtaaagaat | ctgtaaccaa | taccatgatg | ttcaggctgt | gatctgggct | 360 |
| ccctgacttt | ctgaagctag | aaaaatgtng | tgtctnccaa | ccacctttcc | atccccagcc | 420 |
| cctctcatcc | ctggagcact | ctgccgctca | agagctgggt | tgtaattat | ngttagactt | 480 |
| tgccattggt | ttcttttgtc | ctgaagcatt | ttgaaaataa | agttacttaa | gttaaaaaaa | 540 |
| accaaanaaa | nactcgagcc | tctanaacta | tagtgagtcn | attacgtnga | tccaganttg | 600 |
| atnagaaaca | ttggttagtt | nggnaaccac | aacttgaatg | ccncggaaaa | aangccttat | 660 |
| ttggtaaaat | tgtgangcna | ttggtttatt | cgtaaccttt | ttaaccggcn | ttnacaagtt | 720 |
| aaccacnacc | attgcttttna | ttttatgggt | tagggtcncg | gg | | 762 |

<210> 4099
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4099

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| tgnnnnnttn | anaancagct | cttgtttttn | agcangatcc | ctcgattcga | attcggcacg | 60 |
| agcagccttg | gtgacagagc | gagacctgtg | ctctaaaaaa | taaataaata | aaatattgtg | 120 |
| agtctctgat | ggggagcagt | attgcatggg | gggttgagaac | tgaggctctg | atgttagaac | 180 |
| tggattctga | cttaacccac | tgtttgccca | catcttgagc | cttggtttcc | ctatctgtaa | 240 |
| aatggcagta | ttctcgggct | ggctgaggaa | aggaaatgag | gccaggcgcg | gtggctcagg | 300 |
| cctgtaatcc | cagcactttg | gcaggctgag | gcagggtggat | gatttgaggc | caggagtttg | 360 |
| agatcagcct | gaccaacatg | gcaaaccccc | gcgtccacta | aaaatagaaa | aaaatagctg | 420 |
| ggcatgggtg | tgcacccttg | tagtctcagc | tacttggggag | acagaancag | gagaattggg | 480 |
| tgaacttgga | aggtggaggt | tgcantgagc | tgagatcgca | ccactgnact | ccatcctggg | 540 |
| cgacagagca | agactgtctc | aaaataaata | aatnaataaa | taaatnaagt | tcaaaaaaaaa | 600 |
| aaaaaaaaac | tcgagcctnt | aaaactatta | ntgagtcgta | tnacgtagat | cccagacatg | 660 |
| ataaaaaatac | cattttgatga | agtttgggac | caaaccctcn | ccttggaatt | gccggtggna | 720 |
| aaaaaaaaatg | cttttttttg | gggnaaaatt | tggggangcc | ttttgctttt | aattttgtaa | 780 |
| accattttnt | taaagcttgc | caataaaacc | aanattna | | | 818 |

<210> 4100
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 4100

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| aannnnggct | actngttctt | tttgcaggac | ccatcgattc | gaattcggca | cgagatccaa | 60 |
| ctgtggcttc | tcccaggacc | attacacttg | tatctaaata | cctacttgac | atcttctttt | 120 |
| ggatactgaa | taaagatctt | gaacaaacaa | ataaaaaacag | taggttggtg | atgcatgtta | 180 |
| ctttgcccaa | tagatatatt | ctatcagaat | gtgatttgta | tatataatat | gtttacatat | 240 |
| taaattttga | ttcaattaaa | attctccaca | ggggagattc | tgtggtaagt | tctttcgtaa | 300 |
| atgaagtaat | tattctagtg | atttaagttc | atgttacttg | tactttatgc | tttattattg | 360 |
| atgtgttatt | atgcagtatg | cttattttgt | ttttattctt | atgttattta | ctcttgtttc | 420 |
| tgattgatct | ttcatgaagc | tcctaatact | ctgtccatag | aagcacagct | ataatgatat | 480 |
| ttacatatgt | aagggaagact | acaaatatct | cttcttttga | ttcatttttg | gtgattatct | 540 |
| ccttggcaga | cataaaagac | tgatgtgggt | tggctgtgtc | cccacccaaa | tcttgaattg | 600 |
| tagctcctct | aattctcacg | tgtcatggga | gggaccagct | gggaggtaac | tgaatcatgg | 660 |
| gggcaggtct | ttcccatgct | gttctcctga | tagtgaataa | gtctcacgag | atatgatggg | 720 |
| ttaggaatgg | ggagttcccc | tgggcatgct | ctctctcttg | cctgccacct | gtagacgtga | 780 |
| ctttgctctt | ccttcgtttt | tgccaagatt | ggngaggcct | c | | 821 |

<210> 4101
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4101

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| tgnnnnnttn | anaancagct | cttgtttttn | agcangatcc | ctcgattcga | attcggcacg | 60 |
| agcagccttg | gtgacagagc | gagaccctgt | ctctaaaaaa | taaataaata | aaatattgtg | 120 |
| agtctctgat | ggggagcagt | attgcatggt | ggttgagaac | tgaggctctg | atgttagaac | 180 |
| tggattctga | cttaaccac | tgtttgccc | catcttgagc | cttggtttcc | ctatctgtaa | 240 |
| aatggcagta | ttctcgggct | ggctgaggaa | aggaaatgag | gccaggcgcg | gtggctcagg | 300 |
| cctgtaatcc | cagcactttg | gcaggctgag | gcagggtggat | gatttgaggc | caggagtttg | 360 |
| agatcagcct | gaccaacatg | gcaaaccccc | gcgtccacta | aaaatagaaa | aaaatagctg | 420 |
| ggcatggttg | tgcacccctg | tagtctcagc | tacttgggag | acagaancag | gagaattggg | 480 |
| tgaacttgga | aggtggaggt | tgcantgagc | tgagatcgca | ccactgnact | ccatcctggg | 540 |
| cgacagagca | agactgtctc | aaaataaata | aatnaataaa | taaatnaagt | tcaaaaaaaa | 600 |
| aaaaaaaaac | tcgagcctnt | aaaactatta | ntgagtcgta | tnacgtagat | cccagacatg | 660 |
| ataaaaaatac | catttgatga | agtttgggac | caaacccecn | ccttggaatt | gccggtggna | 720 |
| aaaaaaatgc | cttttttttg | gggnaaaatt | tggggangcc | ttttgctttt | aattttgtaa | 780 |
| accattttnt | taaagcttgc | caataaaaacc | aanattna | | | 818 |

<210> 4102
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> n = A,T,C or G

<400> 4102

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| gnnnnnnnnn | ttntataga | tacagctact | tgttcttttt | gcagggatcc | ctcgattcga | 60 |
| attcggcacg | aggatacatc | caaataattat | tcattgttata | gtaaatcaga | tgaagccttg | 120 |
| agcttctcag | cagccacgta | aggcttaaat | atgagggaac | aggggctctt | agaagtgaag | 180 |
| tgacttctga | aagatgcaca | gagaattagg | aaagagtctg | aattcaacc | tggaaccctg | 240 |
| actttcaggt | gagtgcctgg | cccactaaag | aatgacaaa | ccatggggag | tggcatggaa | 300 |
| agcatgagct | ttggagttag | acaggcctgg | gtgtgaatcc | tggtcacccc | agttctgtta | 360 |
| aagacctcag | aaaagttacc | tagcttcatt | aagcctgttt | cttcagccaa | aaattaatgg | 420 |
| tgtaaacgct | tacctctcag | gatgggggtc | acaaataaat | agaacgacat | aaagtacata | 480 |
| atacatcaat | cagttaggat | gtatttggct | acaggcaaaa | gaacagccct | cctcaactgg | 540 |
| cttaaccaac | aattaacct | ttatcttaca | taaaaggag | tctagaagta | gggatgttcc | 600 |
| aggtttggct | aatccagcag | ctcaaccatg | tcaacacaga | ccgggttttc | tctgtcttgc | 660 |
| ctttttgcca | ttctcagtgc | tttcatgggc | tccctttatg | cttgcaatat | gccagctgca | 720 |
| gcttcagaca | tcaacttntc | acatacctat | gtccagagca | gaagaaggac | atttctcctt | 780 |
| gngcatttct | actggagact | aaattttcct | gcctggcaaa | aaaaaaaaaa | aaaaaactcg | 840 |
| nncn | | | | | | 845 |

<210> 4103
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)

<223> n = A,T,C or G

<400> 4103

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| actacagcta | cttggttcttt | ttgcaggacc | catcgattcg | ccacactgct | gttctcatga | 60 |
| tactgagttc | tcacaagtcc | tgtttggttt | ataaggggct | tttccccctt | ttgctcaaca | 120 |
| cttcttcctg | ccatcatgtg | aagaaggacg | tgtttggttc | cccttctgcc | acgattgtaa | 180 |
| gtttcctgag | gccttcccag | ctatgtggaa | ctgtgagtta | attaaacctc | tttcctttat | 240 |
| aaattaccca | gtcatgggca | gtcctttaca | gcagcatgag | aatggactaa | tacactcctc | 300 |
| aaatgttttg | aagattgttg | caccttgga | ctaccagtgt | gcacacaatc | tggtcfaatg | 360 |
| tatatattgg | cccagcaagg | caaagaactg | aagttccagg | atggaagaac | ctgtgttctc | 420 |
| ctcataatag | tatagaataa | ttcaagatag | gcaagaagga | cagcagtaaa | tgaagaccat | 480 |
| ggaagaaaag | aaggaatgcc | aaagatcgag | gaaatctacc | aagactagta | gggtagtcca | 540 |
| gaagaagctg | tttcagggcc | tggtgccagc | tatgcctttg | agaacctcgg | gatcccaaag | 600 |
| aatgagggga | atttcttcag | aaagacaatc | tcggcatgca | ttatttcttt | ggtttgaaga | 660 |
| ttcactcatg | ttgcatgcat | ctgtagcttg | tgcccttttt | attgcctagt | agtattctgg | 720 |
| catatgccta | tcttacaatt | tgattatcta | ttcacctggt | ggatgaatgt | ttgaattttt | 780 |
| tccatttgag | gaatttatga | ataaagctgc | tnttagcatg | aaaaaaaaaa | | 830 |

<210> 4104

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (844)

<223> n = A,T,C or G

<400> 4104

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| nnnnnnnnnn | ttntnaanat | acagctactt | gttctttttg | caggatccca | tcgattcgga | 60 |
| gaatcatgac | tgctggctga | agcctgcac | tttgggtaaa | cagggcaatt | aattcccaga | 120 |
| gaacaaggac | atcatggata | gttaaggcaa | ccagataggt | gcttatcctc | taggtctcca | 180 |
| tccaaaatgg | agtaatgaca | cctactttcg | tgttttaaga | tttaaacgca | gtaacatatg | 240 |
| taaagtgcag | agtctgatgt | tcgagtcac | aacgatgtaa | ataatgcaa | accagtggat | 300 |
| tactcatgct | taatttatat | tttacttgga | aatttatctc | ctttttcttg | gttatctctc | 360 |
| taaataaggt | aactttttta | tacattttct | ttttatatgt | atttattctt | ttttttttgt | 420 |
| gacggggtct | cactctgtca | ccaaggctga | aatgcagtgg | tgcatctca | gctcactgca | 480 |
| acctccactt | tccaggctca | agtaattctc | cagctactca | ggaggctgag | gcaggagaat | 540 |
| cgcttgaact | cgggagatgg | aggttgcact | ccgtctggat | catgccactg | cactccagcc | 600 |
| tgggtgacaa | agcaagactg | tcttaaagaa | acaaaacaaa | actacaaacc | aatttggttt | 660 |
| aaagcatgtt | ttttctctgg | taaagaacct | tncagtgaag | aacacaggac | ataaatttac | 720 |
| tatggtaatt | aagtcgtttt | tatcanatgg | nattattaag | ttggttttat | caagtggnat | 780 |
| taaaggattc | atttggtttac | agtattattc | aacacnaatn | ggaggataat | tacaattcct | 840 |
| tatt | | | | | | 844 |

<210> 4105

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (881)

<223> n = A,T,C or G

<400> 4105

```

gnagngtcnn ntttctaattg ctgganactc gttctttttg caggacccat cgattcgaat      60
tcggcacgag ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat      120
tttagaggca tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag      180
tgatgaagct cctcaggaag atgagggctt tatgggcatg tccctctctt tacaagccca      240
tcatgctatg gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggtc ggtggcgagt      300
gatccctcat gatgtactac cagactggct caaggataat gacttcctct tgcattggaca      360
ccggcctcct atgccttctt tccgggcctg ttttaagagc attttcagaa tacacacaga      420
aacaggcaac atttgacac atctcttagg ttgtgtattc ttctgtgcc tggggatctt      480
ttatatgttt cgcacaaata tctcctttgt ggccctctg caagagaagg tggctcttgg      540
attatttttc ttaggagcca ttctctgect ttctttntca tggctcttcc acacagtcta      600
ctgccactca nagggggtct ctcggctntt tctctaagta agtatctgta aagtncatat      660
ttttggccaa tgattnanag gttagtgcnt taggggaaaa aacattcncc canantttgg      720
catgaattct ttaataatna ttctaattcc cnccttnann ttttnaaaaa aanttttnna      780
cacnaaccc cagatttgnc ttntttaanc atttnnttnn atttnnnan agancncca      840
agntataaat tcggggaana cnaaaatngg ttcaatttnn t      881

```

<210> 4106

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4106

```

tttnnatata gctcttggtc tttttgcagg gatcccatcg attcgaaaag gtgaatgcag      60
aggcctggcc cagaccccag ccctgtgtgt caatacaact tttcacgttg ttacatacac      120
attttccagt ctgtgtctcc ctctgaaaga aaccctgaaa ttcagggttg taatagattg      180
ttggttgcaa gtatgaagga cagaggaggt aagagaggag gcaacttgct aatgcaaaaag      240
cagtgtactg aaagtcactt ttattttctta ttataatct acatgcacac tctggataat      300
agatgacact gctcattcag tactttaact tcaaagcaga gagaagccat ggatgacaga      360
gccgggagcg ggaatacaaaa ggtactaaca acaagaggaa aaatgcctgt ttacgggatt      420
gcatttggtta gcaagctctc ttcagatatt gttccccag gaatagcgaa aatatgtgca      480
gcgcgaacaa tgatttaaca tctgaaaatg gtacttaaag agtttctgtc tggtagtaat      540
gtgatggagg cttctgaagg gaacctgggg acttcatctt ttctatttat ctatatgtct      600
ctctggtttt agtgagcgtt aattgcata ttaacccctc aaatagcttt aacctnacg      660
atgccacttt ttaccctgta taaaatgtac ttttatccca gcaaaggcag actcagaaat      720
tnccttacc aaaaaattat taaaaaaaaa aaaaaaaaaa cttcgagcct tttanaactn      780
tngtgagtcc gnnttacgta gatccngacc ttgatnagga tccattgatg n      831

```

<210> 4107

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4107

```

gnnnnnnnnn ttttnaactt tgctaattct tggctactcg ttctttttgc aggacccatc      60
gattcgaatt cggcacgagg cctctgtcct gaacttttta acccggtgcc acaacccgag      120
ggtctccata ggggcaggta aacgggggatt ttaatcattt taagtgtctt agaatgatat      180

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tttgggaaaa | agcactcctt | ttcctaagga | ctgcgactcg | gtgaacagaa | aggaggctat | 240 |
| gcggtgtggc | cagccaactc | aaggaggacg | aagcaacctt | tgctctaaa | ctgcctggaa | 300 |
| ccaaatgtcg | atttttctga | cccctcccag | ggagtgtgta | gtagtgatgg | tgtctggagg | 360 |
| gtcaaatcca | ttcccaatgg | caaaggttcc | tcaccactcc | ccaccgctac | aactccaaaa | 420 |
| ccactcatcc | cagtgtttgg | ggcactgtgt | tcctcttcgt | ccctgcacca | gaccctggaa | 480 |
| gccttggcca | gagacctcac | cagactcgac | ttgcggcgct | gggccagctt | catggatgct | 540 |
| ggagtggagc | acgatgacgt | agcagagctg | ctgcaggagc | tacaaagcct | ggcccagtgc | 600 |
| taccaggggtg | gtgacagcct | cgtggactaa | agttcccagt | gtgggagaaa | ggagctagtt | 660 |
| tgcaataaaa | acagctggat | gcaaaaagcc | tctagaacta | tagtgagtcc | gtattacgta | 720 |
| gatcagacat | gatnagatac | attgatgant | ttggacaaac | cccactnnga | atgcantnga | 780 |
| aaaaaatgct | ttatttgtga | aatttgtgat | gctattgctt | tattgtaacc | attattaagc | 840 |
| tgcaatan | | | | | | 848 |

<210> 4108

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4108

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| gnnnnnnnnn | tttnaacctt | nctaantnctg | gtactnngtt | ctttttgcag | gatccctcga | 60 |
| ttcgaattcg | gcacgagaga | aaccagnatc | acacaggaat | gactgggatt | ttaggcctgg | 120 |
| aatgtacctt | taaaattatc | ttattacaca | ccatccttca | tttttctcat | tttctctttt | 180 |
| tgggattcat | atattaagta | ttagggcatt | aaaacacaa | tgtatatata | aagaaaaata | 240 |
| taaagtaacc | acacatgctc | agggaaagac | acaggctcag | aaaatgcctg | agaagaactt | 300 |
| agtttcacac | cccaggctga | tcctaagcac | cgagacagcc | tacaacaatc | caaaaaacaa | 360 |
| aaacaataaa | taaaaagtaa | caaacaacag | caaacctaag | agaatgacga | aaatataatt | 420 |
| tccagaatta | ccactttatt | agagtcaaat | gtccagtttt | taataaaaact | cagaagcata | 480 |
| caaagaaaaca | ggaaattatg | gcccatacaa | ggatcaaagg | aaaaaaaaat | gaatggaaac | 540 |
| tgtactgaaa | aagacatgat | ggcagatata | ctagaaaaat | actttaaaat | actgtcttaa | 600 |
| tgatgcttta | aaaactagag | gaagatgtgg | aggaaagtaa | gaaaatgatg | tacaaacaaa | 660 |
| acagcaatat | caataaggag | gtagaaaact | ttaaaaggaa | acaaaaaaat | tctagagtgg | 720 |
| aaaagtncaa | tactgaaata | aaatattact | agtaggattg | aagtcattgt | tgggaataggc | 780 |
| aaaaaaaaaa | annnnnnnnn | nnntnnaaaa | aaaaactnng | ccttttaaac | tttnggggtc | 840 |
| ngtttacct | | | | | | 849 |

<210> 4109

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 4109

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tannccngct | cttggtcttt | ttgcaggatc | ccatcgattc | ggtttggcag | tctctgaaaa | 60 |
| tatatacctg | ccatatgatc | cagccagttc | actgctacct | agtttcccaa | aagaaatgaa | 120 |
| aatatatgta | tatgtgaata | ctcatatact | aatattcata | gcagctttgt | ttgtaatgga | 180 |
| caaaacaacc | caaagtcca | tcaacgttgg | aatggaaaca | acccaaatgt | caatcaacaa | 240 |
| gtgaataaac | aaaatgtgct | atacgtatat | aatggaatac | tactcagcaa | taaaaaggaa | 300 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|
| tgaaaggaat | gaactaatga | tgcattgcaac | agcatggata | catctcaaaa | taattatgct | 360 |
| gaatgaaaga | agccagacag | caaaaatttc | ctactgagtg | attccattta | tataaaaaatc | 420 |
| tagagaatgc | caattagcct | ttagtgaaat | aaagcagaac | agtaattgcc | tgtgacaggg | 480 |
| tgggaaagat | ttggactgga | agcagggatt | accaagaggg | gtgagaaaac | ttttgaagggt | 540 |
| gatgaatatg | tacattgtct | tcattgcttt | ggatggnttt | tccaggggtgt | atattgtaat | 600 |
| ttcaaaaaat | gatcaaaatt | tntacacttt | taaaatantg | gttcaagttt | tattttttat | 660 |
| attgaaataa | aaggctggat | taaaaatggc | ccnaaanann | annanactnt | tnantntntn | 720 |
| nncnctntnn | tnnnnnnnnn | ntcntnnnnn | nntntntnnn | nnnnnnccn | gcnccttntt | 780 |
| aaaaantttt | gnngggggnc | gntttttccn | tngaaccccc | cnctttgttt | tanct | 835 |

<210> 4110

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4110

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|------------|-----|
| acattnnngnn | cgcttttcng | tttganccca | tcgaccgaat | tcggcacgag | gctngatcgt | 60 |
| ctgggcctgn | gtttnanctg | gnatnggatn | ctcaatcctt | nttgttcaaa | ttttnaagtc | 120 |
| cagaaagctc | tgaaaactga | aagttttttc | ataattttatt | tcactgtaaa | acctgaattg | 180 |
| aactgatatt | tatctcacta | aaaatgagta | ttcatatatt | gnactgtang | aatngtaaaa | 240 |
| ttaccaagta | ntancccgaga | cctagttaga | taaatgcacn | attngctttt | aattncaaaa | 300 |
| aaatcttaan | tctgaggcac | atttggctga | cagcatttca | gatnagggat | tttgaacctc | 360 |
| taattcaatg | atgtngataa | atatcaccac | ttctactacc | attgtctatt | actgaacact | 420 |
| taccatgggc | caggtacaga | gaaggaattg | acctaataag | ctnttcggnc | cntananagc | 480 |
| tntaaaaggc | aggtcctttt | attgacgtca | ttttattgct | ggtcacccaa | gtggcaaggc | 540 |
| tgggctgac | cattgggtcaa | gttatgactg | ccgtgctcct | cccccaaaact | taangcagaa | 600 |
| ntctcagtgc | agatgatcct | ggacttacca | aggggggttat | nctaaatnga | ataagaactg | 660 |
| ggcctaaaat | tgggaaanat | tggtaaggcc | ttttaatacc | atnttaacca | tcttagcttt | 720 |
| gncttaacct | acccttaaan | ngtgcctcaa | ggacacttac | atttaccgna | cc | 772 |

<210> 4111

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 4111

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| ttttcttttn | ntnmatcagc | tcttgttctt | tttgcaggat | ccctcgattc | gaattcggca | 60 |
| cgaggggacc | tcgatcatga | caggctcctc | agcctgtgcc | tgacccttct | cacgtgaccc | 120 |
| cagacatcct | gcaacctggg | gggacattcc | tttgtaaaac | ctgggctgga | agtcaaagcc | 180 |
| gtcgggttaca | gaggagactg | acagaggaat | tccagaatgt | aaggatcatn | aaacctgaag | 240 |
| ccagcaggaa | agagtcacat | gaagtgtact | tcttggccac | acagtaccac | ggaaggaagg | 300 |
| gcaactgtgaa | gcagtggagg | tttcttgtgc | cattttcata | atggtcatta | gctcctttta | 360 |
| agctanaaac | gtacctgagc | ttctgaagag | ttcctggggag | atttgagctg | attttggaaa | 420 |
| tggagcatga | caagtgggga | gtctctctct | ctctttctct | ctctctcttt | ttaacaaaaa | 480 |
| agagatgacn | aaactaagtt | cagggggccat | ggaaaatgaa | aaagtcgctg | atattngnat | 540 |
| ttgggaagaa | gaaagtnttc | angaagaaan | angtgangat | tgaangatng | agaaaaacag | 600 |

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|-----|
| acttggttggg | aaggggtcana | aaggaattcc | cccgangcaa | gggattgggtg | tgccccatttg | 660 |
| tgcccttgac | cgggaccttc | atcttattat | actgggttaaa | cttgtnanac | cacaaaacag | 720 |
| gggttttcca | acccctggtt | ttagaacccc | acgcncacaga | tttttccaat | tcttttaaagg | 780 |
| ggggctgggt | | | | | | 790 |

<210> 4112
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| ggtnnnnnntt | gnaatcgana | gctacttggt | ctttttgacg | gatcccatcg | attcgaattc | 60 |
| ggcacgagga | aagctcatta | ccagtaggac | ataatttttg | gctctcccta | ttcacaacca | 120 |
| gtgcacagtt | tgacacagt | gcctcagggt | cacagtgcac | catgtcactg | tgctatccta | 180 |
| cgaaatcatt | tgtttctaag | ttgtgtttat | tcctggagtg | acatgccacc | ccgaatggct | 240 |
| cactttcact | gaggatgctg | tcctctgatt | tagctgctgc | ctccagcctc | tggtctgaga | 300 |
| acttactaaa | ggcacttcct | tcctgttaaa | cccctgttaa | ctctccataa | atttgggtgat | 360 |
| tctctgctag | gcctaagatt | ttgagttaac | atctcttgaa | gccaaactcc | accttctgtg | 420 |
| ctttttgctt | gggataatgg | agtttttctt | tagaaacagt | gccaagaatg | acnagatntt | 480 |
| taaaaaaaga | aaggaaggaa | aaaaaaaaacn | cttcctttta | aagaaattcc | ctaccngatt | 540 |
| tttaatatag | gtnatcttac | cactttcttt | tctagtttct | tggatttttna | gcttaggctg | 600 |
| cattctaacc | tcatactgng | naanacccaaa | gggtggtttt | ngattcanna | aattttttga | 660 |
| aaatctgcat | aagccttaaa | tttggttaaaa | aattaangaa | aaattccttt | aaaaaaaaaaa | 720 |
| tannnnnnnn | naaaaaaaaa | aacctgnggc | ctttanaact | ttgngagtcn | tttcc | 775 |

<210> 4113
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| ctaateccctt | gtttctaatt | cttggctact | ngttctttct | gcaggatccc | atgcgattcg | 60 |
| aattcggcac | gagccagag | aagagctttt | cagagaaaagg | tacagacaag | aagctagaaa | 120 |
| gagtggaaagg | agcagcagtc | ttgcaaggaa | gcaggggcaga | gacacagccc | atggccccctc | 180 |
| actgccctgc | tggaagggtt | gatggagctc | cccgagcagc | ggttcctgcc | tggttgacag | 240 |
| aggctcctgt | ggccacttta | gaagtgcggg | ttactcctca | tgccgagatg | gaccttgggc | 300 |
| agctcagttc | acaagatgtt | ggtcaggcgt | catttaaata | ttttcagtc | gcagaggaag | 360 |
| caaagcgtgc | cattgaggct | gtgctgtcag | cggatcctcg | gtctgtgtac | cgccggaagc | 420 |
| tttgccagga | ccgccttttc | tactttactg | tagacatagc | gcatgtcact | tgctgggttg | 480 |
| gtgatggctt | tgcaagagtg | ctgaggatca | agccggcctc | tgagcctgtt | catatgactg | 540 |
| gccctgtggg | gtccttggtg | tctctggggg | cttaaggacc | tncctcatgt | ctttaaggta | 600 |
| gcatcattga | tctttggatg | tggttttttg | gatttcttga | acaagcta | gttgtgtcaa | 660 |
| gaagcaacac | ttttgtgaat | ctcattggct | ttgattggat | ttgggcttgt | tcaaaaatgt | 720 |
| ttatttgaaa | aacgtattcc | tttaataaac | ttaaccaaag | agatttttaa | att | 773 |

<210> 4114

<211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (704)
 <223> n = A,T,C or G

<400> 4114

| | |
|--|-----|
| gnnntattgc aattngatag ctactngttc tttttgcagg atcccatcga ttcgaattcg | 60 |
| gcacgagggg acccagtagg tatcgttgga aacaacggag ttctcttttc tgaatctgca | 120 |
| aaaaagggta ctcactttgt ccagttatgc tgccaaagaa atatcctct gctgttcctt | 180 |
| caaaacatta ctggatttat ggttggtaga gagtatgaag ctgaaggaat tgccaaggat | 240 |
| ggtgccaaaga tgggtggcgc tgtggcctgt gcccaagtgc ctaagataac cctcatcatt | 300 |
| gggggctcct atggagccgg aaactatggg atgtgtggca gagcgtatag cccaagattt | 360 |
| ctctacattt ggccaaatgc tcgtatctca gtgatgggag gagagcaggc agccaatgtg | 420 |
| ttggccacga taacaaagga ccaaagagcc cgggaaggaa agcanttctt catgctgatt | 480 |
| aaaccgnttt taaaaaaccc ttctttaaaa ntttgaagag gaaggaaccc tactntccag | 540 |
| ccaaggtatg ggcattgggg atcattgtcc acagacncga actgtcttgg tctngtttag | 600 |
| tgcacctnac cccatngaga gatgntcgtt cttagatgta ctggataagn gttctgtgaa | 660 |
| tnetgaatac ctgngtanct aaattaactt cncatagtgc anat | 704 |

<210> 4115
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (758)
 <223> n = A,T,C or G

<400> 4115

| | |
|--|-----|
| gtnnnnnttc aattgnttag gctctcggtt ctttntgcag gatcccatcg attcgtttca | 60 |
| gctttcggtta ccagcaggag ctggaggagg aaatcaagga attatatgag aacttctgca | 120 |
| agcacaatgg tagcaagaac gtcttcagca ccttcggaac ccctgcagtg ctgttcacgg | 180 |
| gcattgtagc tttgtacata gcctcaggcc tcactggctt cataggtctt gaggtttag | 240 |
| cccagttggt caactgtatg gttggactac tgttaatagc actcctcacc tggggctaca | 300 |
| tcaggtatc tgggtcaatat cgtgagctgg gcggagctat tgattttggt gccgcatatg | 360 |
| tgttggagca ggcttcttct catatcggtta attccactca ggccactgtg agggatgcag | 420 |
| ttgttggaag accatccatg gataaaaagc tcaatagcat ctttaacgtg aaaatnaaac | 480 |
| cagaacncna nnaaggcctt tanggatttc ngggtttttg cccacggcca caggttcatn | 540 |
| tccagaggaa tgcaaaactg anacnatcca ggaagagcta aaacatggcc ctgtaataaa | 600 |
| tgaccagacc tttcctgngg ttcaaatnt taacacactt cttttctttt gggaaaaaaa | 660 |
| aannnnnnnn antnnnnntt nnaaaaaaaa aaacttgacc tttaaactnn aggatctttt | 720 |
| actnantcca acttgntaga nccatggtga gttgggna | 758 |

<210> 4116
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (869)

<223> n = A,T,C or G

<400> 4116

```

ggnnnnnnntnn nntttgaaac cttnggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gaggtcaacc tctaccacgt gcgggaggat ggctggatcc nagtctccag      120
ngacaatgtg gctgatctac atganaagna tantggctct acccctgaa agaggggtgga      180
tgcantgtgt tgtgtatntt ggggtgactg tcattggtaa tacggacaca gtgaccatc      240
ctccatncta tttatagnn aagggccttc antngtatca gtacttgatt tnaagctctg      300
gcacattgac ctntatgtgt taccagtcac taatgagctg ntgcacgagg tgactattng      360
ttanactntc ttagcatgtt aacattacac tntcactac tcatananaa gnntnnnnan      420
aacttgagnc ctttaaaaac ttttaagtna gtcannattt ccgttngatt ccaatanctt      480
ngaanaaga atnccttttg gntnaatttt tggaatcaaa acttcctacc tttgnaaatt      540
nncnntgtgg aaanantaaa atntgcttta aaatttttng ttgaaaattc ttgggggggaa      600
ncgatttttt nngncttttn aannngnggg ttaccacctt tnattannnt cttnaaatan      660
ttnccaaann ttttaacct caaccttttt ggnnttttan tttttaagng gttncatgnt      720
aaaangtnaa atntntttgt anngnttttt tntccagnt nccnngngtt cttnanaaat      780
ttngcccnnn gtgtcnacaa nntnttttgn tncntaatt tatnggnggt tttntnccn      840
ctnttgtcat aaaatagngt taanctggn      869

```

<210> 4117

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4117

```

ggtnnnnnntt ttnnnntaca gctacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagga gatgctgaag gaaattatag ccagaggaaa ttttagactg cagaatataa      120
ttggcagaaa aatgggccta gaatgtgtag atattctcag cgaactcttt cgaaggggac      180
tcagacatgt cttagcaact attttagcac aactcagtga catggactta atcaatgtgt      240
ctaaagttag cacaacttgg aagaagatcc tagaagatga taaggggggca ttccagttgt      300
acagtaaagc aatacaaaga gttaccgaaa acaacaataa attttcacct catgcttcaa      360
ccagagaata tggtatgttc agaaccacac tggcttctgt tcagaaatca gcagcccaga      420
cttctctcaa aaaagatgct caaaccaagt tatccaatca aggtgatcag aaanggtcta      480
cttattgtcc gacaccatng aantnttttg agggttgcna aanaccattg aaaaaagaac      540
naaaagcctt aaaagccctg tnttcncttg taaattcacc tgcaaaaata tggattggct      600
ntttaccaac ngggcaacc tggaacacn aaaaaggctt gtgggnattt ggaattattt      660
ggtnccgaaa atngtctcnt ggtaanttat tcattactta cttnaaagaa ctggtttcaa      720
aaatnggcaa gcnttccttn aaaagcccag tttgttaaaa aatanggtcc cccttgnctt      780
ggttccaaaa nnaaaaggcc nnaanggaan tttccnn      817

```

<210> 4118

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 4118

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|-----|
| gntnnnnnnt | tgtntncata | caggctactt | gttctttttg | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | gccggcttcc | tcatacaacct | cattgactcc | cccgggcacg | tcgacttctc | 120 |
| ctcggagggtg | actgctgccc | tccgagtcac | cgatggcgca | ttggtggtgg | tggactgcgt | 180 |
| gtcaggcggtg | tgcgtgcaga | cggagacagt | gctgcggcag | gccattgccg | agcgtatcaa | 240 |
| gcctgtgctg | atgatgaaca | agatggaccg | cgccctgctg | gagctgcagc | tggagcccga | 300 |
| ggagctctac | cagactttcc | agcgcategt | ggagaacgtg | aacgtcatca | tctccaccta | 360 |
| cggcgaggggc | gagagcggcc | ccatgggcaa | catcatgatc | gatectgtcc | tcggtaccgt | 420 |
| gggcttttggg | tctggcctnc | acgggtgggc | cttaccctga | agcaatttgc | cnaanatgta | 480 |
| tgtngcccaa | tttngccgnc | caagggggga | aagggcccan | ttngggggccc | tgccnaaacn | 540 |
| gggcccana | aaagggttnan | ggaccattga | attnaaaaaa | aaccttttgg | ggggttgaac | 600 |
| aagggtncct | ttttggaccc | ccaancccca | aacggggcaa | aggttttnaa | ncnaagggtt | 660 |
| naagcccaac | ccaaaccccc | ccnaaaaggg | gnaaanaaaa | cttggccaan | gccaaccntt | 720 |
| ttttggccaa | acttgggaacc | cttgggaanc | cccatttttt | tnaangggng | ttttggatgc | 780 |
| cnaaccattg | aaatttttaa | ggaaaaanaag | gaaggccngg | gattngggaa | aacccccaaa | 840 |
| aatttttttc | catttttttt | n | | | | 861 |

<210> 4119

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4119

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| ggtnnnnntt | gtaanntana | gctacttggt | ctttttgcag | gatcccatcg | attcgaattc | 60 |
| ggcacgagcc | tcattatcca | ccacgcacag | atggtacagc | tggggctgaa | caaccacatg | 120 |
| tggaaccaga | gagggtccca | ggcgcccag | gacaagacgc | aggaggcaga | atgaccgcgt | 180 |
| gtccttgcc | gaccacctgg | ggaacacccc | tggaccagg | catcgccag | gaccccatag | 240 |
| agcaccccgg | tctgccctgt | gcctgtgga | cagtgggaaga | tgaggatcatc | tgccactttc | 300 |
| aggacattgt | ccgggagccc | ttcatttagg | acaaaacggg | cgcgatgatg | ccctggcttt | 360 |
| cagggtggtc | agaactggat | acgggtgtta | caattccaat | ctctctat | ctgggtgaag | 420 |
| ggtcttggtg | gtgggggtat | tgctacggtc | ttttaattat | aatnaatatt | tattggatgc | 480 |
| ttnaaaaaaa | naaaaaaaa | aaacttnngg | nctttttnaa | atttttaggg | gagtcngtnt | 540 |
| tncntagan | tccagacntt | gtttanggat | nccattgggt | gaanttttgg | gaccaaacc | 600 |
| ncaacnttgg | aaattgccnn | ntggaaaaaa | aaantgcctt | ttantttggg | gnaaantttg | 660 |
| ggggaatgcc | ttatttggct | tttaattttg | gtaaccnnt | tttttaaagc | ctggcaattt | 720 |
| naaccnaggt | ttnacnanc | caaccnaatt | ggcattttca | tttttaaang | gttttnnang | 780 |
| gtttcaaggg | gggnaagggt | tttgggaaan | gttttttttt | aaaatttnnn | ggggcccn | 840 |
| ggnggcncn | a | | | | | 851 |

<210> 4120

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 4120

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggtnnnnatt | taanntnagc | tacttggtct | ttttgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgaggnnc | ctgcaagggc | tggtgtggaa | acaagcannn | tngntgcntg | aagcaaaagt | 120 |

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|------------|-----|
| nanaacngngg | tgtnnaactgt | tgatgtgacc | ccacaaagtg | tnnggaaccgc | catcaaggcn | 180 |
| nggntagctn | gggcactgtg | gancggaccc | anaattncnn | nggntccttc | naactgnang | 240 |
| atcctaccna | ggtnaccnnc | ggatngngct | tntntaatnc | nntttgtgcn | acccenaata | 300 |
| gcnnatcct | gaaaganatg | tgccatgtng | ancaggtgct | gtnaaagaag | actgcttcng | 360 |
| ctccctgncc | ttttgacctc | ccngagttga | aacatgtagc | aacacgnntn | ccatagaata | 420 |
| caaggctcca | gntgaagaaa | aagaaacggg | ntctggtcag | naacaatcag | nttcctnttc | 480 |
| ttggangatt | cccctnttnt | aatnaaaagc | cctnatttna | nttttnnang | cnttnaattt | 540 |
| tttacnccn | caatnttttg | tttgcntaan | atgctttttc | aaggtttgan | aaccctttaa | 600 |
| anggggggtt | tttttnaaaa | tggactttct | tntgggattt | tnagggtttt | antttggctt | 660 |
| anttnaaaaa | aaaagntaac | caaaaaccgt | ttnccttgnaa | aaagaanggt | nnacccttta | 720 |
| aatnggatnt | tgggcccttt | aancctttca | atgttccang | gnttacctna | cttttangtt | 780 |
| ntntcccaa | aaaanggttn | ctaangtnnt | ccttatttgg | actnnaanaa | ccnaattga | 840 |
| acttttnn | | | | | | 848 |

<210> 4121

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4121

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| gnnnntttcaa | tcanagctc | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gagtacatat | ttgtcataat | tacaataaaa | tacaaagagc | tattttggaa | ctgggcaagc | 120 |
| tgttttctaaa | tgtatatgga | aaaataaaaa | tgtctccaaa | aaatccctgc | agagggaaac | 180 |
| tagcccttcc | agatataaaa | tatattatag | aactgtgtaa | ttaaagcaat | atgggtactgg | 240 |
| tccataaaaag | aacataaaaac | caaatagttc | agtagactca | aaatgcaagc | gttgggtgagg | 300 |
| gtatggagaa | aaggggaaccc | ttttacactt | gggtgtgaatg | taaattagta | cagacattgt | 360 |
| ggaaaaacagt | ttgtagagct | tcctcaataa | aaacacatat | gatccagcaa | tcccactact | 420 |
| gggtatatat | ccaaaggaaa | tgaaatcagt | atgttgaaga | gataactnca | cgttcactgg | 480 |
| aaccttgntc | acattggcca | gnacttaaac | ctaaaggggc | catnaaccgg | aagatagata | 540 |
| gggctgaccg | cggtggccca | cgctgtaat | cccagcactt | tgggaggcca | aggcagggtg | 600 |
| atcatttgag | gtcagaagtt | tttgaccagc | cttggccaac | atgatgaacc | ccgtntttct | 660 |
| aaattttcaa | aaatttagctg | ggcgtatggt | gggcacctgt | nttcccagtt | ctcggagggt | 720 |
| nangcaggan | aatgctgacc | cagggacgga | cttgnt | | | 756 |

<210> 4122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4122

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| ggtnnnnnntt | gnaatcgana | getacttggt | ctttttgcag | gatcccatcg | attogaattc | 60 |
| ggcacgagga | aagctcatta | ccagtaggac | ataatttttg | gctctcccta | ttcacaacca | 120 |
| gtgcacagtt | tgacacagtg | gcctcagggt | cacagtgcac | catgtcactg | tgctatcccta | 180 |
| cgaaatcatt | tgttttctaag | ttgtgtttat | tcctggagtg | acatgccacc | ccgaatggct | 240 |
| cacttttact | gaggatgctg | tcctctgatt | tagctgctgc | ctccagcctc | tggcttgaga | 300 |
| acttactaaa | ggcacttcc | tcctgttaaa | cccctgttaa | ctctccataa | atttgggtgat | 360 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| tctctgctag | gcctaagatt | ttgagttaac | atctcttgaa | gccaaactcc | accttctgtg | 420 |
| ctttttgctt | gggataatgg | agtttttctt | tagaaacagt | gccagaatg | acnagatntt | 480 |
| taaaaaaaga | aaggaaggaa | aaaaaaaaacn | cttcctttta | aagaaattcc | ctaccngatt | 540 |
| tttaatatag | gtnatcttac | cacttttctt | tctagtttct | tggatttttna | gcttaggctg | 600 |
| cattctaacc | tcatactgng | naanaccaaa | ggtggttttt | ngattcanna | aattttttga | 660 |
| aaatctgcat | aagccttaaa | tttggtaaaa | aattaangaa | aaattccttt | aaaaaaaaaa | 720 |
| tannnnnnnn | naaaaaaaaa | aacctgnggc | ctttanaact | ttgngagtcn | tttcc | 775 |

<210> 4123

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4123

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| gnnttcaaat | cgatagctac | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gagggccgtt | gggagagatg | aagctacact | gtgaggtgga | ggtgatcagc | cggcacttgc | 120 |
| ccgctttggg | gcttaggaac | cggggcaagg | gcgtccgagc | cgtgttgagc | ctctgtcagc | 180 |
| agacttccag | gagtcagccg | ccggtccgag | ccttctctgt | catctccacc | ctgaaggaca | 240 |
| agcgcgggac | ccgctatgag | ctaagggaga | acattgagca | attcttcacc | aaattttag | 300 |
| atgaggggaa | agccactgtt | cgggttaaagg | agcctcctgt | ggatatctgt | ctaagtaagg | 360 |
| attccatatg | gctctcatat | cattccattc | catctctgcc | aagatttggg | taccgcaaaa | 420 |
| atthgtgttt | gtggaagatt | ctgctgaact | ctttcattca | agggactact | tccattgaat | 480 |
| ttggattntg | tttgccccac | attgggggtc | ttantanana | atthgggggtg | gnncntgaag | 540 |
| cacctattaa | tctcttaatt | tctggttctc | ttangetggt | tatgttaaat | tcctccgata | 600 |
| tgtaaaaagt | aatgggtgag | accagaaaaa | gaaatttcaa | ttaccagatc | antttgggggt | 660 |
| gcattgtatg | atthttgcacc | ntcaaaatgg | aattangggg | agaattcttg | ntcttgcttg | 720 |
| gaaagganga | tgtgtntagn | tncccattha | natgactcca | aattttntta | | 770 |

<210> 4124

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4124

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gntnnnnntt | tgtntncatn | cagctacttg | ttctttttgc | aggatcccat | cgattcgaat | 60 |
| tcggcacgag | ggaacatcca | gtgcctgcag | gacgtggagc | gctgcctccg | ggacacgggt | 120 |
| gtgcagggcg | tcatgagcgc | agagggcaac | ctgcacaacc | ccgccctgtt | cgagggccgg | 180 |
| agccctgccg | tgtgggagct | ggccgaggag | tatctggaca | tcgtgcggga | gcacccctgc | 240 |
| cccctgtect | acgtccgggc | ccacctcttc | aagctgtggc | accacacgct | gcaggtgcac | 300 |
| caggagctgc | gagaggagct | ggccaagggt | aagacctggg | agggcatcgc | tgctgtgagc | 360 |
| caggagctga | agctgcgggt | tcaggaggag | atatccaggc | aggagggagc | gaacccaccg | 420 |
| gcgacttgcc | cttcaactga | tctgccaccc | tacattcggc | cggggcccaa | gganganaac | 480 |
| cagganaaaag | cagtcaccca | aaaagcgggc | cttgnaggaa | aaggangtgg | cacggangtc | 540 |
| tgtcttanac | centtgcaaa | aggacaataa | tatttaaagt | gaaaaanana | nnnnnnnnnn | 600 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | ngnnntnnan | nttnnnnnnt | 660 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnntta | | 707 |

<210> 4125
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (673)
 <223> n = A,T,C or G

<400> 4125

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| gntnnnnnnnt | tttatatata | caggctactt | gttctttttg | caggatccca | togatctgtg | 60 |
| cttgttcggt | tctgtgtact | tgcttagtgg | actgtagcaa | cacactcagc | ttctccagtg | 120 |
| tcaaccacaca | ttggctttcc | cactctacag | tttctgtagg | atgcatgttt | tcaccattat | 180 |
| caggcttctg | cagtgtctcag | agggcagcaa | taccagcaa | ccagtgaccc | gaggccagca | 240 |
| acttctttta | cttccccctc | agttggattt | gtaacagagt | atctttgggtg | ggacacttct | 300 |
| gtgtgaagag | atcttactag | caccttaaag | aatggatttc | tggcaagttc | cacaaggtag | 360 |
| acttccagta | agttctgctg | gtgcagcact | acagcaactt | ccgtgctatt | cagtgaagag | 420 |
| actgtgttct | ctccaacaag | gtctggatct | cagccctggg | atggtttaag | gtcngangaa | 480 |
| gctnttgctt | tggggnctctg | ngnnaanctn | agggacttng | gnactntnaa | nagtctctta | 540 |
| ttcnnatagt | naatanctgt | tctcaccat | gttaatagta | gngaccttta | taagttcatt | 600 |
| tcaatactgg | ggttcttcga | tgnttcttct | tattagacgt | gaaatgtgat | gtgattgtat | 660 |
| agnatgntac | ata | | | | | 673 |

<210> 4126
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (753)
 <223> n = A,T,C or G

<400> 4126

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|-----|
| gntntnnntt | tgtatannta | caggctactt | gttctttttg | caggatccca | togatctgca | 60 |
| gcaatgtttt | gtggctttta | ttgtacaagc | ttttcacctc | cttgggttaag | ttagttctta | 120 |
| agtgtcttat | tcttttacgt | gctattataa | atggaattat | tttcataatt | tccttttcag | 180 |
| gttggttaatt | attagtgtac | agacatgcaa | ctgatttttg | cacattgact | ttgccagtga | 240 |
| catgaacctg | tatgtagaaa | accctaaaga | ttgcacaaaa | aaaatgggta | gcttgagacg | 300 |
| taaaccttag | gcaaagagaa | gtttgtgatt | tgtaagaaat | ttaaaattaa | taggattaaa | 360 |
| aagagagctg | tgggccttgt | tatgtatttg | ctttggaagc | cctctaagaa | aatttcaggt | 420 |
| caatttttta | ttctctgccc | tactggaatg | ccccagatt | atgtgacaat | gangtcttat | 480 |
| tttaatatgt | ncanaatttg | gtnanantgg | caatnnttgg | gttcnanatt | ttcccatctc | 540 |
| agaaaattnt | ngctttttcn | ggtgatgtct | tatctctctg | ngtgggtccc | aagtgaagccc | 600 |
| tgatcctttc | agatncattt | tatatactct | ggtgggtgatg | aatatttnat | ctctggcaaa | 660 |
| tactgnccat | gctaattccc | tggaggacct | nggatncaat | attattggaa | ttntaaatca | 720 |
| aggttaacct | aagtcaaaga | gtctnanctg | ccc | | | 753 |

<210> 4127
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4127

```

nnntntnnnt tttntacata nangctactt gttctttttt caggatccca tcgattcgaa      60
ttcggcacga ggcgagggcc tggcccccag ggcggccaca ccagaaggtc ggagaaaggc      120
ccaaggcgga tgccacgccc agcagtgggtg agggacccac agattttgga aacgacctgg      180
acacactatt ggggaaggaga tgtggaaggc ctgtctcttc ctgcagggcc caccctaaga      240
atgtattttt aaacacatga aataagtatt tttcactgat aaaaaaaaaa aaaaaaaaaa      300
actcgagcct ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca      360
ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt atttgtgaaa      420
tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaaca gttacaaca      480
acaattgcat tcattttatg gtttnaagg taaaggggaa tttttggaaa ggtttttaaa      540
ttcnnngccn nggnnccaat tgcnttgggc cgggttcccc aanttttngt tcccttttat      600
tgaaggggta attgcccccc ttgggcgtna atcatggggc ataanccttg tttccctggg      660
gtgaaaattn gntattnccg ttnnacaatt tcccacacaa nntttncnaa ncccggaan      720
ccttaaaaant gtnaaaacc tgggggggtg ccctaaatgg aattgaacct taacttnaca      780
ttaantggc ntttnnnnct tnaattggcc ccntttt      817

```

<210> 4128

<211> 684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 4128

```

agnnnnnnnn nnttgaanac nnnagctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg aggataggct tagaaattat tttttatcag cattaagtgc ttcaatttct      120
cccataaag attctaagga aatttcagtt cctcatatta tagttttccc cataatttaa      180
tattactaag tatttctctg ccagtaatg ttgatgcagt ttgcataaat agccttggaa      240
gtaaggaggc aggacagaaa gccaaatata gaaatctctg gccttgattt agtgacagtt      300
tattctaata gggaccatag gtgttattag taaaaagata gtgtacaagg cctaagttca      360
gtttacattg ttctttgaaa tgagttcatc ttttgtgttg aataattgta ttctaagtag      420
gagatgcttg tatttaacat aatcatgctt tctatataat caaatatgta tttgntggaa      480
tactggtaga aataccttcc ttctcnttg ccanggaaaa aaaactcccc attatncngn      540
tataaatagg aatttgtaca tattacattt taaaatttaa atgcatatat ttgaaggatg      600
gatatagtct gagctatgct gcttaattca ctctggacc gncaatgttt tatatggctg      660
ctatgctggt acngctgat gnaa      684

```

<210> 4129

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4129

```

acganagcta cttgttcttt ttgcaggatc ccatcgattc gnnnctannt cgagaagagg      60
tntggtnacc tntgtntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg      120

```

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| ngngnnnnngc | ggcacaccng | gtatttganc | atgcattatc | tncacacact | gtgcagcatc | 180 |
| ctttggagag | cacaacgcat | ggaaagggtca | tnnannntnt | ganttgccat | ntcnntngcg | 240 |
| ngtcntccta | cccaagtaaa | agntaccttg | gcnatnntac | cnccgntttt | ntcactcncl | 300 |
| aggacntatt | acctnggggtg | cntnnaacgt | aatcnnttac | tnnnnctcat | tctnacnnnn | 360 |
| nttggaccca | tngncttgct | gncacaccta | tgaagnactg | tttcacagcn | ctttcacttc | 420 |
| ctacnaaggt | accatgttat | ttatcttgcc | tngaaaattc | tgaattntac | ncctaaattt | 480 |
| taanntttnt | tnactntnaa | ngcaaaaatt | ttttgaactg | aaaggctcnt | aaaggcnttt | 540 |
| ngactcttca | tttttcaa | tngggaaaac | aatgctcaaa | agagtntnt | tnacctngt | 600 |
| aaannaangg | gaanaanaa | ctggaatctt | tcttgancct | ntacnttaac | ctcttntnt | 660 |
| cactggtnct | tgcanttttt | tcctaagtna | tttnntnggg | attatttnat | ttcaacccaa | 720 |
| cacttgancc | ctttttanng | ccaatgcact | tgggttaaacc | atgggggnaa | aaatgcccc | 779 |

<210> 4130

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4130

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| acganagcta | cttggtcttt | ttgcaggatc | ccatcgattc | gnnnctannt | cgagaagagg | 60 |
| tntggtnacc | tnctgntgcn | cncnctgggc | tggacggnaa | gangactnnt | nnntcnangg | 120 |
| ngngnnnnngc | ggcacaccng | gtatttganc | atgcattatc | tncacacact | gtgcagcatc | 180 |
| ctttggagag | cacaacgcat | ggaaagggtca | tnnannntnt | ganttgccat | ntcnntngcg | 240 |
| ngtcntccta | cccaagtaaa | agntaccttg | gcnatnntac | cnccgntttt | ntcactcncl | 300 |
| aggacntatt | acctnggggtg | cntnnaacgt | aatcnnttac | tnnnnctcat | tctnacnnnn | 360 |
| nttggaccca | tngncttgct | gncacaccta | tgaagnactg | tttcacagcn | ctttcacttc | 420 |
| ctacnaaggt | accatgttat | ttatcttgcc | tngaaaattc | tgaattntac | ncctaaattt | 480 |
| taanntttnt | tnactntnaa | ngcaaaaatt | ttttgaactg | aaaggctcnt | aaaggcnttt | 540 |
| ngactcttca | tttttcaa | tngggaaaac | aatgctcaaa | agagtntnt | tnacctngt | 600 |
| aaannaangg | gaanaanaa | ctggaatctt | tcttgancct | ntacnttaac | ctcttntnt | 660 |
| cactggtnct | tgcanttttt | tcctaagtna | tttnntnggg | attatttnat | ttcaacccaa | 720 |
| cacttgancc | ctttttanng | ccaatgcact | tgggttaaacc | atgggggnaa | aaatgcccc | 779 |

<210> 4131

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4131

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gnnnntttcn | aaannttttt | gaaanccttc | ttnncccttc | aaancgcttn | cgaattcggc | 60 |
| acgagcactt | gtcaggggag | aggggacagc | aagggtgggag | gttgaagagc | tttgaggctc | 120 |
| agcagcatgt | ttgtggcatt | cggtggacac | catggccttg | ggcggctgga | caggtttttg | 180 |
| tgatgtgagg | gacacgcatg | gggcacatgg | taagcttggc | aagggtctca | ggaacgctga | 240 |
| cgaagggttt | taggaccccc | acccccatgc | ctgtaccagg | gctggcctnc | agagcgggtg | 300 |
| aggacagagc | agctgtgggc | ttttcattct | gaggtcttgg | ccccctgcc | accgcaaggg | 360 |
| actctttgct | tgctcagggt | tgcaaaaacc | aaccttcgag | aaagaaaagg | gaactcttca | 420 |
| cgttgaatgt | tgactttgtg | tgtatgctgt | tgtgtgtgtg | tgtgtgcacg | cgcgcgtgtg | 480 |

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| cgtgtttact | tcatggaatt | ttgttttgtg | aaattcccct | caatcgtgtc | agaatttacc | 540 |
| ttcatgcccc | atcacactgt | tggttctgcg | ctctgaacct | gggtgtagct | catttgaang | 600 |
| actctcttct | gcgtttccta | acagttatatt | gggtggtctca | aaagttgang | ttgtggaagg | 660 |
| gttgggaaga | aactgaagtt | ctatccattt | ccatagaatt | tacatnctgc | atttnaaang | 720 |
| canggaaggc | ttaaccccg | cccaaaactt | ncaggcct | | | 758 |

<210> 4132

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1335)

<223> n = A,T,C or G

<400> 4132

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|------|
| gccctttcta | antgctnaga | cccttggtact | cctcatgaac | gtttggnaaa | tnccgcacga | 60 |
| ggaaacagac | aaatctgtaa | taacggccta | ancctntttc | tgngatnagn | ntcatttttg | 120 |
| cccantonna | aaaaatgtgn | aatagnttat | tcaagnnaan | cagctcattt | tccaacaatc | 180 |
| ctnngctcat | gtgatcccc | aatncccaca | actttntgga | naaccnngg | gccncanatg | 240 |
| gttggtgaaa | aatggggttn | tagatgggtt | cgnggaactt | gnagggtatg | aaaaagggnc | 300 |
| cannccaggc | tngaactggg | gattnggann | aaacnccaat | cgnaaaaccn | ntttttaaan | 360 |
| aacnccccct | ttaanaaggg | ggcacctgnt | ntttaacggc | taaganaaaa | tttgggaattg | 420 |
| ccccctcan | gttncatnna | aacgggggatt | tggaaatttt | ggaacccccct | ggggggnann | 480 |
| attatcccat | ccacaaanng | gaaccctggg | ggcanccccc | aggggganct | ttgggaaaac | 540 |
| aagggggggc | ccttggcctt | ttaacggcgg | ngcctntttt | tgggcantaa | ncnaggctng | 600 |
| ccctaanaan | ggggggccnc | ctttntntaa | ccnccanna | cctttncggc | gtttcncant | 660 |
| nccccntggn | gncttaaaacn | ctgggntgcc | cntgtctatn | ncnagacccc | tttttngccc | 720 |
| ntggggggnc | nantttaagn | ccccccent | tgggaaaatn | tcccccaan | nggngnanng | 780 |
| ggngngcccn | aaattttnc | nncgnncent | ttttgcnanc | ntntngggcc | natcccttat | 840 |
| ggntnaaacc | cttngnaagn | ntcaccaaat | tnggggtggg | cccttttcta | anggtaaaaa | 900 |
| caaaaaang | nnggggnnc | cntttgncan | cattnncttt | tcccaanacn | ctttggnggg | 960 |
| gnaaaaaacc | cctgtaanan | ncaagcnccn | gggnaanata | aagggtaaaa | atcncccnng | 1020 |
| ggnnccctta | aggnntttt | naaagggaac | nntaaanccc | cncccgnggg | ngnnaaattc | 1080 |
| cttgggcttt | taenccent | ttgngccnca | acnntgggac | naaaggnttc | tnacnagggn | 1140 |
| aaatnggggg | ggcntnaacc | cgaacccccn | antnccnct | aagganagcg | ntaanttaan | 1200 |
| gggaancttc | ngccttgcaa | anaaagntnt | ttgnacaatn | ttngcncgaa | aannnggggn | 1260 |
| gaactnaaaa | ctgggaccaa | antcncncng | gncctanacn | ttananaaaa | gatgntaaac | 1320 |
| aatngccccc | cccc | | | | | 1335 |

<210> 4133

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4133

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggtnnnnatt | taanntnagc | tacttgttct | ttttgcagga | tcccatcgat | tccaattcgg | 60 |
| cacgaggnnc | ctgcaagggc | tggtgtggaa | acaagcannn | tngntgcntg | aagcaaaagt | 120 |
| nanacngngg | tgtnnactgt | tgatgtgacc | ccacaaagtg | tnggaaccgc | catcaaggcn | 180 |
| nggntagctn | gggcactgtn | gancggaccc | anaattncnn | nggntccttc | naactgnang | 240 |

1300

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atcctaccna | ggtnaccenn | ggatngngct | tntntaatnc | nntttgtgcn | accccnata | 300 |
| gcnngatcct | gaaaganatg | tgccatgtng | ancaggtgct | gtnaaagaag | actgcttcng | 360 |
| ctccctgncc | ttttgacctc | ccngagttga | aacatgtagc | aacacgnntn | ccatagaata | 420 |
| caaggctcca | gntgaagaaa | aagaaacggg | ntctggtcag | naacaatcag | ntcccntntc | 480 |
| ttggangatt | ccccntntnt | aatnaaaagc | cctnatttna | nntttnnang | cnttnaattt | 540 |
| tttacnctn | caatnttttg | tttgcntaan | atgctttttc | aaggtttgan | aaccctttaa | 600 |
| anggggggtt | tttttnaaaa | tggaactttc | tntgggattt | tnagggtttt | antttggcct | 660 |
| anttnaaaaa | aaaagntaac | caaaaaccgt | ttncttgnaa | aaagaanggt | nnacccttta | 720 |
| aatnggatnt | tgggcccttt | aancctttca | atgttccang | gnttacctna | cttttangtt | 780 |
| ntntcccaaa | aaaanggttn | ctaangtntn | ccttattttg | actnnaanaa | ccnaattga | 840 |
| actttttn | | | | | | 848 |

<210> 4134

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4134

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cntnnttgnn | cnnnnnnnng | ggggntttgc | antgcggnct | aatggctnng | gctactngtt | 60 |
| ctttncgcag | gancccanng | attcggaata | tataggcctt | tattgtcttt | aacattgaag | 120 |
| taacttttga | gttttattca | attatgagcc | agcagatcct | tagtttaggc | ccttatattg | 180 |
| cataccta | tagaactttc | cccaaagttc | aactgcatga | ccttaatgta | ttggagcacg | 240 |
| tcttacaggt | ggacttaaaa | ctctagaatt | tcctgagtcg | ttgttatttt | ccactgaagg | 300 |
| tctttccact | gtacagcatt | tcaggcatca | tcactatgat | tcttttttct | tgactgttgc | 360 |
| ttgttttccc | actgctcttt | tccccaatgg | cgagctgggt | gtgccatctc | tggggctctc | 420 |
| ttataggaac | tcacagtcta | gcctactgta | ttttgttttc | ggagaagtga | aagtgaacac | 480 |
| tgttatttgc | catcatacct | ccatcaagaa | tttcacttca | ctaggaaata | tatgggcctt | 540 |
| tcattggaact | gatgattact | gtggctgatg | tgagtgttgg | gcttangatg | ctcacatgtg | 600 |
| gtagttggaa | gttttgtaat | ctaagatgga | aatgagtggg | ccatttaaat | ggccatctaa | 660 |
| aggtcacagt | gactgcanaa | gaagtnagaa | gagagtataa | ttcttcagct | ccctggactt | 720 |
| ccatangaaa | gctngaaaat | cttataacca | gattacccaa | aaaaaaaa | | 768 |

<210> 4135

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 4135

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gnnnnnnnnt | tncgngtggg | cnnttaggtg | ggggntttct | nntttactna | tagctngtgt | 60 |
| actcgttctt | tncgcaagat | cccancggtt | cgaattcggc | acgagggnaa | cctttcaatc | 120 |
| actttaacta | gtcncttaag | gactctaggg | ccagaagcct | ggtttctggg | tgaatgtttt | 180 |
| tatacatcac | tcaacttccc | tcgtcctaaa | aggacaccta | attttggttac | tattgaaaat | 240 |
| ttttattttg | gtggccagaa | tacgaaatcg | ggagaggtaa | cccaaacagt | tgtcttagga | 300 |
| aaaggcagat | tctcagaggc | aatgggctat | caacaaaata | ggtgctaagc | acatttggtt | 360 |
| gtaatgatca | ttcatataat | ttanaagatt | tatggtaaca | gttttatattc | attatccata | 420 |
| cagttctatt | tttgcaataa | gaataaccac | ctataagcaa | acagtgttaa | tgagaaatat | 480 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| atattgtntt | aagaaaatag | catataccac | atgaaaaaga | gtgttccctt | tctntttttt | 540 |
| tttttgccag | aatcaagt | tggaagnctt | gatcaaagta | aaactaccta | tttgaactgc | 600 |
| acanataaaa | ctgggggtgcc | caatccntat | tttacatttc | tngggcttga | ttcatataac | 660 |
| tttgtaanaa | aaaagttnac | tattnaaaaa | gtcnngtgng | ccttcacttt | tgacttggac | 720 |
| ttctatcccc | ctttttgtcc | tgggattnct | ttttcctacn | cnatttctnn | aaatnttatg | 780 |
| aaangggcnt | ntntncnn | | | | | 798 |

<210> 4136

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1105)

<223> n = A,T,C or G

<400> 4136

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| gaccccnttc | ntgattgggn | cnnaggtggg | gggttttctt | ttttactaaa | tngetngtgt | 60 |
| cntccntant | ctnctnanna | nnnagagcnn | agtcctcana | cagcncgnag | ccccantagc | 120 |
| tgggcctaca | ggcgcccgtc | nccacaccna | ctnttatggg | ggggngnggg | gnngggggaga | 180 |
| cggggnnntt | accatgtttg | cnncccgcn | gtgnccnct | ggtcannnct | gnngaccanc | 240 |
| tnntnccggn | canancncnc | cggncctcnn | atcccnccnc | aggncncncg | ncnccntnca | 300 |
| nnnntgaann | ccncccccn | ctcnnancta | acnngnagcc | acngccaant | tcnnntntnn | 360 |
| cgtncantt | tnactacact | tnntcnnctc | ccntnttcca | ctctnnngnc | ncnnncnnnc | 420 |
| nggtctnant | ncentncttc | ttntatagac | gntcatcacn | nccacncca | annttnnctt | 480 |
| cancataatc | ncntntancc | tnancncnn | anntacggcc | tcnntctccc | neccctnttc | 540 |
| tcacncttan | ttctnctctc | ctctcgcccn | tnctnngecn | ncctcncctc | ccccctnaa | 600 |
| tnntctnctn | ntctctccct | ntcnnttttc | gntnancacn | catnncatcn | ccaccacctc | 660 |
| ancntatct | atnatcttan | cntcctctc | tcctcncctc | atcactgttc | nacnctnct | 720 |
| cacancannn | atctctctc | acannntgct | atcatctana | tctctntctc | ntctcacca | 780 |
| nancctntac | aanntcttct | ccctctcnca | tctcncctca | ctctnncnac | nntnacnnct | 840 |
| taccgcacgc | ctcncctctc | accttcaactn | ccccactntt | cantntcgnc | ncgnctctnn | 900 |
| gacctctctt | cncncnatte | cannnnctctc | ctcctaccna | tnntcnatte | tcnntcatna | 960 |
| ctactntntc | anctaccana | ncctnctctc | cataantccc | ctcgacnntn | ncncacctct | 1020 |
| actntgcgcc | cncnnnccac | tttctctctc | cnntangtca | cctaccaanc | anntnnatct | 1080 |
| mntattctan | tcnantact | tacct | | | | 1105 |

<210> 4137

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4137

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| nnnttttntt | tnntggngnn | gnnnagtnng | gggttttctt | ttttntaan | ngctgcgcta | 60 |
| cttggtcttt | ttgcaggcat | cccatnccat | tcgaattcgg | cacgaggaga | tccaagtggg | 120 |
| ttagaagggg | atgattgctg | gtgaagggtc | tgaacatggg | gacaggtggg | aggctgagca | 180 |
| cacactcgta | caccgctggc | aggaagagaa | atgacttttc | tggactacaa | tttgagata | 240 |
| acacaaacat | taaaaagaag | aaaaaattgt | atcccttttt | gactaagcaa | ttctaggatt | 300 |
| gttatttttt | tctcctgagg | aaactagcat | ggatgttcac | attcaggtgt | ggggatgttt | 360 |
| atcaatttgc | tatttttagaa | aagagaaaaa | aagtttagca | tgtcacaaga | taattttcat | 420 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| caatatatgg | tacatccatt | tagtgaaatg | ctgtacagcc | atttaaaaag | atacagaaga | 480 |
| ggccaggcac | ggtggcctta | cttggctaata | taaaaaaaaa | aaatctgtag | agatggggta | 540 |
| tcaccacggt | gccagggctt | gtctcgaacg | cctgggctca | agtgatcctc | ccacctcagc | 600 |
| ctaccaaagg | cctctagaac | tatagtgagt | cgtattacgt | agatccagac | atgataagat | 660 |
| acattgatga | gtttggacaa | accacaacta | gaatgcagtg | aaaaaaatgc | tttatttgtg | 720 |
| aaatttgtga | tgctatttgc | tttatttgtg | aaccatttta | agctgnaatc | aaacaagttt | 780 |
| ncnn | | | | | | 784 |

<210> 4138

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4138

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| ctntntnggt | cctnnnnngnt | ggcttttctaa | tgentaannc | tgntgggtctn | gttnttttctg | 60 |
| caggacccat | cgattcgaat | tcggcacgag | gtggtacctt | ggcttttaggt | tttcattcgc | 120 |
| acggaacacc | ttttggcatg | cttaacttcc | tggtaacacc | ttcacctgca | ttggttttct | 180 |
| ttttcttttt | tctttctttt | ntttntntng | agttgttgnt | tgntttttaga | tcacagctac | 240 |
| atgagaatcc | ttttttgaca | agccttgga | agctgacact | gnctcttttt | cctnccctta | 300 |
| tacgaaggat | gtattttaa | gaatgctggt | cantgggaca | tttngtcaac | tatgggtatt | 360 |
| gggtgcttaa | ctgnctaata | ttgccatgtg | aatgttgtat | acnattgtaa | ggcttatgtc | 420 |
| actaaagatt | tttattctga | ttntttcata | atcaaaggtc | atatgatact | gtatagacaa | 480 |
| gctttgtann | gaagtntang | ancancnatt | tctgtacctg | atcaagttaa | ttgcancctt | 540 |
| tcttttccna | ttncctttcnt | ttaagggtta | gtattancaa | atggcaatga | gtcnaaaagn | 600 |
| tancatgaag | atttttnaan | gagagaactt | accggacaca | gattngtgan | nccttgactg | 660 |
| gggacaccta | ttggatgtga | ttcttaaaaa | gcttttnatt | ggagccattt | ngccaaaatt | 720 |
| ttgnaaanct | ttcatagggg | gnattggacc | nttattatcc | natnaatncc | ccctcctata | 780 |
| ttnc | | | | | | 784 |

<210> 4139

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4139

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| tnngnnncnn | nnntggggnt | ttcaatnttt | cnaantgngt | ctngttcttt | nngcaggatc | 60 |
| ccatcgattc | gcaaaaagcca | ccttttgctc | gaaactccct | ggagcgacgc | agcgctccga | 120 |
| tgaagcggcc | gtccccaccc | ccacagcctt | cctcggtcaa | gtcgctgcgc | tcgagcgtc | 180 |
| tgatccgtac | ctcgctggac | ctggagttag | acctgcaggc | gacaagaacc | tggcacagcc | 240 |
| aattgaccca | ggagatctcg | gtgctgaagg | agctcaagga | gcagctggaa | caagccaaga | 300 |
| gccacnggga | gaaggagctg | ccacagtggg | tgngtgagga | ccagcgtttc | cgctgctgc | 360 |
| tgangatgct | ggagaagcgg | nagatggacc | gagcggagca | caagggtgag | cttcagacag | 420 |
| acaagatgat | ganggcagct | gccaaaggat | tgcacaggct | ccgangccat | agctgtnagg | 480 |
| aaccncaga | ngttcagctc | ttcangaaaa | gctncatgga | gcnaatcctt | ctgcctgatg | 540 |
| aagtgcactc | cagcatcact | tcagctgtcg | gggcatttgt | ngggagaacc | agaccacctc | 600 |
| tgcggaangc | agcanaccct | ttccagcca | tggtatngagt | ttgaattctt | ctataaacng | 660 |

```

ntcaccatca naccacccaa ttcatttcca ttgctttgcc tataaggagaa atttannnaa 720
tcanattnaa tgggtttcact ttattttnaaa ancnnnnaac tctaaaaaact ntggncct 778

```

```

<210> 4140
<211> 762
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

```

```

<400> 4140
tggttntctt gntgggggtgt tccttnttnc aattatgtgt tctcgatcnt gtngcaggag 60
nannccngcg ntggccgggtg tgttgcccag actggncctc acctcctggg ctcaagtgnt 120
nctcctccct cagcctcccc aagtgcctggg attatagatg tgagccccctg caccagacaa 180
ttatatattat tnttaaaaaac gccctcatg aagtctgggt aattctctcc agatttctcc 240
ttatcaacaa atttataaga gttaggaaaa aaatgatgta aataaagcac ttaaattgag 300
acagtggntc tattcttaac atnataatgc ttatgactaa ggagcattct tntnnttata 360
aannaaatgt ntctgnact gttagantac atgagggtca gagacnttat nagtntgtaa 420
gaatgcnttg tggattntnc taannnatca cctacagtaa tgggctatgg ctaacaccct 480
ttnacaaaat ngaggnnac anatgaaatt ccagttanag atcataangg tgtctgcggt 540
gaccctagt nattncctnn cgattacngg cgcnaaattt aacgatganc tnnacagctca 600
nnagntttgg annatttnng ctnaaatgct ctccctggaca ctaccatact tagcatatnc 660
ctgggaaata ctaaccgaat aatatncctt taaaacaccc cggcctcaac agataagatc 720
tatgatctaa cgtttnattc ttttcacaca ttattattaa tn 762

```

```

<210> 4141
<211> 860
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

```

```

<400> 4141
tggtttnnng gnttgggggtt ttcaantttt gctaanagct gggctactng ttctttncgc 60
aggancccat cgattcgctt ttctttgcag tatgaaggta gataattctt caagttaaat 120
atggactttt ttcaccagaa atggctttat ggaatcaatt tgcaaaaatg taagagggtg 180
caaaggaaag aataaaataa tattttcatt ttcttctggt attcttagat cctttggtag 240
attgtaaact ccatgaaagc aggatacctt cttttgccct aaggcttggc ccaaaagaga 300
taccaaaaaa atacttgctt atatactaac ctagtctctg ggtgtgggag ccatagaggg 360
ttcanggtgg ggtggtgggg aagggtgngg nnttncgtat atccgaaatg ttncctcatn 420
naangnattt nnagcaagt tangaangan ttttgctnaa tgaaatngnc anagaacct 480
naanttncat anatgcenat gcctnaaagc ngccttttga agctttatct taangntctc 540
acccttcata acnnccctaac gnatnacntn tttccttanc tttggnattn natannnaac 600
atangetcnn cgtttattca anantccana acctnggngg gcnnnttatan ttncctcctn 660
nccnnaacct ttggaaant naancctggg ncnttttnc atttctctc ttttttanca 720
natanatann ncnntcnntc ttentntana nntnnnctcn nnnnncctnc cntncnntcn 780
cttttntnn ncannntnct cntcntann ntttncntnn acannctnnc tantnnnnntn 840
ngnntnctcc ntttntntnc 860

```

```

<210> 4142

```

<211> 762
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4142

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| nagngcnnntt | nnggtggggg | tttcnaattc | ncnctaaaac | tggggctact | cntnctntcc | 60 |
| gcancaancn | ngcngntcga | attcggcacg | agaagggaga | ggcagtagga | ctaggagtta | 120 |
| aattgtcatg | ccgaggtctc | tgagcatggg | tgggcctgtc | agaattgtca | tcgctcactc | 180 |
| tggtgacttc | cagcagctga | caggcaaggc | cctaggaagc | tcttcagcct | cctttccttg | 240 |
| ctagaggtgc | tggtttccct | ggaaatgttc | aagccctgca | aatcgtttct | atagtaacag | 300 |
| gtctctgtct | tttttcttat | gatgcagatt | tttgaaaagg | tttcttatct | aaatgttctt | 360 |
| gggatctatg | gtcttcctac | ctgtagctcc | tttgattaga | cagagccttt | atttaaagac | 420 |
| ttttccccc | aagaatgttg | ntgttgcttc | tacccaaaata | ataaccantn | gntagtttta | 480 |
| ctagtgtctg | aagttntagt | ttattaataa | agcttcatnt | naactatnaa | aaggantggg | 540 |
| tgngtacnaa | tagtaatacc | ngaaaaaact | aatattcact | gntnctctca | tgtattngnn | 600 |
| aactttaatt | nttnattatg | naaaaccttc | aaacataana | gtagtcaaaa | ttatataata | 660 |
| gacacctata | tacttaccac | ctanattgaa | aactaacatt | cttgccatat | tggcntacnc | 720 |
| tattccatac | tgatagtaaa | ncntagacca | tgtattttaca | nn | | 762 |

<210> 4143
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 4143

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| attntacagc | tcttggttctt | tttgcaggat | cccatcgatt | cgaaaagggtg | gccatgtgag | 60 |
| aaggactcag | caagactttg | ctggctttga | agatggaaga | atgtggccaa | aagcctaggg | 120 |
| atgaatatgg | cttctagaat | ctataataaa | caaggaaaca | ttatttccca | gagcctctag | 180 |
| aaggactgcg | ttttgctttt | gcctcggttt | tagcccagta | agacccattt | tagacttctg | 240 |
| atctttggaa | ttgtaggtta | atgcatttat | attattttta | gccactaatt | tctggttaatt | 300 |
| tgttacagca | gccgtaggaa | attaacatgt | aggaaaataa | acgtttcaat | gccaggtat | 360 |
| actctgaggt | caagccagag | aagagttggg | cagagacttc | aaaaacgatg | aaggaggggt | 420 |
| taggaaggtc | ctagcatcag | tggaatagaa | taaaattact | cttattaaga | ggggaacctn | 480 |
| accnttagng | ganaaatnct | gnaaatgggt | ctgagacaaa | atgcnttana | gactggttg | 540 |
| ctagaaaaat | caaacatagg | agatttagga | anatggangc | ttgcaatgaa | ttatgattgc | 600 |
| atcactatat | ttcanccctc | atccctgtct | tccagaaaaa | aaaaaaatng | gggatttnaa | 660 |
| aggtttattg | gtncettaang | gccagcccnt | ttgaaaaanc | cattggtttt | tggnaaagga | 720 |
| aaaagggccca | atttaaaang | ggacctgtnt | tngtaccagg | ctttgttgna | tttgggaaaa | 780 |
| aaa | | | | | | 783 |

<210> 4144
 <211> 1063
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1063)
 <223> n = A,T,C or G

<400> 4144

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|------|
| nccccntnnn | naaggggggg | tgggggggtct | caactngcta | gcggtgtgna | cnnenaactn | 60 |
| gccnaaaaaga | aggntggggc | natecngcac | gagntgacgg | ngcgggntcg | ggntttgntg | 120 |
| nttggnanaa | nccttcenat | atctccagt | cggganncac | tatctggtat | ctctattgac | 180 |
| ctacggggang | ctttectnag | tcantcgcta | cncactgna | ctangngana | ccacgcnaen | 240 |
| ntacncttan | atnctcng | cacatctgaa | ntcacnngga | ngnttagtnc | gcagcgnccg | 300 |
| nntccacann | ccnngatcac | gcgcctctnt | nncnaaananc | atannctcac | ttgntgttnc | 360 |
| nccgnntann | ttangttngn | ccnnaacaaa | ncttacnncn | ttntcagnan | nactccacct | 420 |
| cttcnccga | aactnnncnn | acngnncatn | nnanccngct | tcnngcnnct | ncnnnnnnngc | 480 |
| ngnnccannt | mntnaatngc | cntcnnctca | acacgccccaa | accttacnta | tatncttttn | 540 |
| accacncttn | ncnnanccct | ctaccncccg | anctctcggt | cccccatnt | cnantcttnc | 600 |
| tctcncnacb | cncctctctc | ncnncctca | tccccccent | naatngnncc | tncatcnac | 660 |
| nacnttgnat | gacntcttct | cnnccntacc | naccnctct | ccaactnct | ctggcaaaaan | 720 |
| nntcctcncn | ttcatatact | antnnntatc | tnccctntgn | acnntcttnc | ngnecgaaaa | 780 |
| ntcanctcct | acacnnnaca | cntnncnctc | nogetngcac | ctatctactc | aactnctatg | 840 |
| cactcatcgn | nnncaanatac | tnacctcnca | aactctntnc | nactnccnca | nanccccca | 900 |
| cnnanacana | ngcgncaana | caccnncaca | nanggcgata | cncttatnac | nctcngancn | 960 |
| nanatcncn | ctctacnnc | nancatncac | gtntctcnc | atcatcngcg | ntcncncaac | 1020 |
| tcagcagttt | annacnccat | actnnctnca | ngggctcaan | tat | | 1063 |

<210> 4145
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(996)
 <223> n = A,T,C or G

<400> 4145

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| gcncctttgna | annttttct | aatgctgggt | ttgctacgga | aacccttggc | aaatccggca | 60 |
| cgagcttct | gtgccaggg | accgtggaga | aagtgtcagg | ggccgctcac | tgcagcantt | 120 |
| ttgctctgct | gcctnccng | gcagcgtnt | gnnggtngta | cacaaaaana | gctgggtgtn | 180 |
| cgnggggggt | gcttgnaatc | ccanatactg | nangangctg | aagctgcatt | atcgcttnaa | 240 |
| ccnggggggn | acgangangc | canggagnca | aaatgggggc | tnntaganca | aaactttgtn | 300 |
| tcanaaaaan | aatgaataat | nanacaagaa | aatggganaa | gccccataa | cttacnnngt | 360 |
| ntctentggc | cnaangcaaa | aactccactt | gnaaagccan | ganaaaacgg | ggnaananca | 420 |
| aaacaaanct | atcacntgga | ccnnnaaaca | naaanccaaa | ggattnnent | tccccnaaat | 480 |
| tggantnaag | attcaatgga | catggnacnn | aaaaatncag | nggtaccgga | actccngana | 540 |
| ngcnntacag | gttgcncaaa | aangaaaccn | naaaannccg | ggagnngntn | attaaagggg | 600 |
| ggnatcttncg | cncantttta | agggaaagg | ccaccaagn | attnagncac | aacacnntgt | 660 |
| tgacgggaan | tccattntnn | gcgaganaaa | nggntgntac | atccccatt | ntanaaaaang | 720 |
| gcctnnaaaa | aaanatnttt | nnaaccncac | naaatcnttt | ancactaggg | gatttcnaaa | 780 |
| aantagccnn | nnnnaatatn | gggggaaaaan | aaaancgatn | nnaganatca | tacnngaaaa | 840 |
| aaccnngggg | tnattngana | ancacnttt | nnaagntann | ggggcatngc | ancncaaagg | 900 |
| gngcantaaa | nanatagnen | ganagnacat | tanaaccct | tggtganaaa | aacccccagn | 960 |
| angncccaa | anaggattgg | ctnnaaaaaa | aaaang | | | 996 |

<210> 4146
 <211> 783
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4146

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ttnaagctna | gctacttggt | ctttttgcag | gatcccatcg | attcgaattc | ggcacgagct | 60 |
| aagcccaaaa | acgaacttca | aactgggtgt | ggtggcacgt | gccttttagtc | ccagctaccc | 120 |
| gggaggctgc | ggcaagagga | ttgcttgagc | ccaggagtgc | gagtcacaacc | tgggcaaaag | 180 |
| agtgagaccc | catctctaaa | acaaaaaagg | taccttagaa | ggtcacctgg | ttggctaacc | 240 |
| ttttaaaggc | aggggcgtga | cacgtaggac | acattgggaa | tgtcttggt | actacatgta | 300 |
| gccttctggg | atatatgtgc | ccagagggag | aagcactgag | cctgaagaaa | ctagatgagt | 360 |
| ctcagaacca | cagaccggcc | agaaatctct | cccaccatta | tatcagcgtg | atacagggtc | 420 |
| acattcattt | ctacaaacag | gaacaagttc | cttgcagcaa | taatttantt | tattaacttg | 480 |
| gnttttttaa | ttnacccctt | cttttgaggt | taantttcat | cacattatgt | tcaaanattc | 540 |
| ccatatnttc | cgtaaaatta | ccagcttaat | tacangggca | tttgttccca | ttgggttant | 600 |
| tnaaaaatca | ggangtttat | ttaaaaaatn | cctgagttct | ttaagggtct | ggctttaacc | 660 |
| ttttcaantt | tccacctggn | ccttgtnana | aaccagttca | agcttgga | accaaagttc | 720 |
| tttnatttgg | ngggtcantt | tcttgncaac | ttttttggac | tttgannccc | ttggacanna | 780 |
| ctt | | | | | | 783 |

<210> 4147

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4147

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| ggntnttnaa | acnnnagctc | tngttctttt | tgcaggatcc | catcgattcg | cccgggaagca | 60 |
| tccaggatgt | gggaacattg | tgacatttgc | acaattttta | tttattgctg | tgggaaggctt | 120 |
| cctctttgaa | gctgatttgg | gaaggaagcc | accagctatc | ccaataaggg | ttctctaatt | 180 |
| gccaaatga | ttctaggaat | tatcattttg | aagaaaagat | acagtatatt | caaataatacc | 240 |
| tccattgccc | tggtgtctgt | ggggatattt | atttgcactt | ttatgtcagc | aaagcagggtg | 300 |
| acttcccagt | ccagcttgag | tgagaatgat | ggattccagg | catttgtgtg | gtggttacta | 360 |
| ggtattgggg | cattgacttt | tgtcttctctg | atgtcagcaa | ggatggggat | attccaagag | 420 |
| actctctaca | aacgatttgg | gaaacactcc | aaggaggctt | ttggtttata | aatcacnccc | 480 |
| tttccaattt | tccgggttcc | gcntnnttgg | gnttncgga | ttttnttnac | ccatgccant | 540 |
| tcttattcaa | ataaagtcct | gaagttattt | tgnaaatcc | ccgntcattc | ggggaaatgg | 600 |
| accccttgcc | ccaatcaatn | gtggggnttc | ttaacccttc | cttnattgga | aaccattnat | 660 |
| tnacctcaa | aacccctttt | tnaaccnctt | gnggccaaact | tggcttgggc | accttggttt | 720 |
| gggctttcaa | ttggggaacc | tttaatgggt | ccaccnnaag | gtgttgggaa | caaccctagg | 780 |
| ggacccccca | aaaaagtgga | gccctcanaa | nggacancca | tnaat | | 825 |

<210> 4148

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 4148

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|-----|
| tttnaaancg | ttagctctng | ttctttttgc | aggatcccat | cgattcgaat | tcggcacgag | 60 |
| acaccctgga | ctcctgcagg | ggaggacaca | cggagggtgga | caactgcaga | tacacttact | 120 |
| cggagtggca | cagttttact | cagccccgtc | ttggtgaagt | gagttttcct | aagtggccta | 180 |
| caaactctatt | ttaattttct | ttaaacttta | taaataacta | actggattct | gactataatt | 240 |
| ttcaattaat | tatgaatcta | ctaattctac | taattgaaag | ctattatatt | tcctcaattt | 300 |
| taatttagtt | atgttcagat | ttaagtgggt | atttacttcc | cctcctattt | ttttaattga | 360 |
| aagaattact | aaataatgtg | tgatgagatt | taaattactg | tctcatggct | ttgtgctaata | 420 |
| atttcccatc | tgacaacttg | taccttagaa | acaaaaaatg | tggtaccagc | aanaccacgc | 480 |
| attgtntctt | tacttttgnt | nnntntnggg | aaanaaaactt | gacccccatt | tttaatttgg | 540 |
| ccttcaantt | taaatggggt | tgcnatgntn | actttttcag | cttaaaaantt | tttgaaaagg | 600 |
| naaaagtant | ggactttttt | tanaaatgga | acaccctgtt | attacttgct | ggccacatgc | 660 |
| cgtggacttt | ttannaaaca | tgcttntact | ggaaatttat | antggtgaat | ggtttgaaac | 720 |
| cggaccant | cttgtgcatt | ttttatgggt | ttgggaatnc | cntttgangg | ncacactttt | 780 |
| gttaaaaaatn | aa | | | | | 792 |

<210> 4149

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 4149

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tnnntttcaa | atncnaggct | actngttctt | tttgcaggat | cccatcgatt | cgaattcggc | 60 |
| acgagnnag | ctcancnnat | gtatnttgnc | acttgggagc | atcatctttn | caagggccac | 120 |
| tttgaggtga | aatggnnttt | ttacatactn | agcatcaatt | tggnccctaaa | atcaggagac | 180 |
| attcaccctt | ctccacccca | atttccaaca | tccccctctt | tgnagagaga | gcactntnga | 240 |
| anccactgag | cccnatagcc | ctagggccta | naccactatt | ncaaaaangga | agacttttctn | 300 |
| atnactatga | canacaccca | nnctggganc | ctctgcctgn | actnaaagct | ctaaccoccaa | 360 |
| cctntttttc | cagtgcacaa | ccttntactc | actaaaaatt | tctntccact | caaactagcc | 420 |
| tggatgcctt | tcctgaacg | gggcttgtgt | nttcccatta | gctcaacttt | gcttacatgc | 480 |
| ccaggttnaa | aacccnttt | cnncaggcca | gacaaantgc | ntnanttntt | tcnnacacgt | 540 |
| aaaatgaaag | gctcttgng | tncntnaaaa | ggcctcttan | aaactattgn | ggagtcnttt | 600 |
| ttnccgtttg | aatccanact | tggattanga | ttccattgga | tgaaattttg | gnacaaaacc | 660 |
| ncnaacttnn | naatgccnnt | ngaaaaaaa | atggctttta | tttggggaaa | atttggggaa | 720 |
| ngcttnttg | ctttaatttn | gnaacctttt | ttaagctgcn | attnaacaan | ttaaccaanc | 780 |
| accantggca | ttctnttttg | nn | | | | 802 |

<210> 4150

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4150

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttntttcaaa | tcgctaggct | actcgttctt | tttgcaggat | cccatcgatt | cggaaccttt | 60 |
| gaatagtgg | tgtacataca | gtttttcaga | gctgggtgtt | aataacaata | tttttcattc | 120 |
| taatattaca | ttattctttt | tatcatttag | gtctttatcc | gtcagtgttt | ttagagaact | 180 |
| actgcacttg | accacaaact | gataaatact | tggtactgcc | ccatctcact | gttctgttta | 240 |
| ctttgtctta | aatatctctt | ttttttttcc | caggcagcta | gtacaccact | gaatccttta | 300 |
| agctttcagt | gtgaatttgt | aaaactcagg | attgaccttt | tacaagcctt | ctctcaactt | 360 |
| atctgtactt | gtaatagcct | gaagacaagc | ccaccacctg | caattgccac | aacaattgcc | 420 |
| atgaccttag | gaaatgacct | ccagaggtgt | gggccgcac | tccaatcagg | catgtcttaa | 480 |
| cttttagtgc | attttttatt | tanccctttt | aaaggntttt | caaattttan | natgaaaagt | 540 |
| ttgnaaaatt | tnaaaatcag | ngggtttgaa | ctcanaacat | ttttcataaa | atgtttaatt | 600 |
| cactcaactn | gnctnggctt | aaaaaaatag | gctggatggn | gttattanga | aaagataaag | 660 |
| tggtttcatg | gtaatctcaa | tggggggcta | ccataattta | ttttaagag | aaanggneng | 720 |
| atTTTTTTaa | aaaccttgga | naangtttat | aacttaaatt | ntttnatngg | aacttgaaaa | 780 |
| ccctaaan | | | | | | 788 |

<210> 4151

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4151

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| tggnnccnna | agccctttgc | naactnntct | ttttgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgaggagt | tcaactgcaa | catccgggca | ccttcaaagc | agatggctctg | gtgcagccgt | 120 |
| cctcgtagca | aggagagggc | cgtgggtggtg | gcctgggaaa | ggcggctgat | gggtgggggc | 180 |
| gatgcacccg | agagcatcca | gtttgtgctg | gatgaggact | cctacctggg | gcctgagctc | 240 |
| gatggggctc | gcatcttctc | ccgcagcacc | cacgagttcc | tgcattgagg | tccagcggcc | 300 |
| agcgaggaaa | tcttcaaaat | tgccctcaatg | gcccccgggg | cgctgctcct | ggaggctcag | 360 |
| aaggagtatg | agaaagagag | ccagaaggcg | gacgagtacc | tgccgggagat | ccaggagctg | 420 |
| ggccagctga | cccaggccgt | gcagcantgc | attgaggctn | caagacatna | nccccaccn | 480 |
| gactncccaa | aaaattntgn | tcangggccg | cttcttttgg | aaagggtttc | ctggacagat | 540 |
| ttccacccga | aaagcttctn | gcacattgtg | tcaaggacct | gcgtgtgctc | aatgctgttc | 600 |
| gggactntca | cattngggat | cccgttacct | attgccaatn | taacagggtta | ccttcaagtg | 660 |
| ctgctggaag | gctctgttgc | ggaaatttac | ccctggcacc | caatttccaa | tnctgcnctt | 720 |
| ctaactcagg | ttacnggact | ggccct | | | | 746 |

<210> 4152

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4152

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnnntttnan | natacagctc | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gaggcaaagt | tccattttgt | tgatctcgca | ggatctgaaa | gactgaagcg | tactggagct | 120 |
| acaggcgaga | gggcaaaaga | aggcatttct | atcaactgtg | gacttttggc | acttggcaat | 180 |
| gtaataagtg | ccttgggaga | caagagcaag | agggccacac | atgtccccta | tagagattcc | 240 |
| aagctaacaa | gactactaca | ggattccctc | gggggtaata | gccaaacaat | catgatagca | 300 |

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tgtgtcagcc | cttcagacag | agactttatg | gaaacgttaa | acaccctgaa | atacgccaat | 360 |
| cgagctagaa | atatcaagaa | taaggtgatg | gtcaatcagg | acagagctag | tcagcaaatac | 420 |
| aatgcacttc | gtagtgaat | cacacgactt | cagatggagc | tcattggagta | caaaacangg | 480 |
| taaagnatta | nttgccaaaa | aggtgtggaa | agntcattg | acatgttcat | ganaatgcta | 540 |
| tgctacagac | tgaaaataat | aacctgcgtg | taaaattaaa | gcctgcaaga | nacngttgat | 600 |
| gcattgaggt | ccagaattac | acacttggtt | gtgatcaggc | caccatgttc | ttgccaaaca | 660 |
| ggtgaaggaa | tgaggagatt | agtaattgat | catagttttt | aaagaatcga | aatctaggca | 720 |
| aatttngaag | tgaaccngat | ta | | | | 742 |

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4153

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| gnnnttttnan | natacagctc | ttgtttctttt | tgccaggatcc | catcgattcg | aattcggcac | 60 |
| gaggcaaagt | tccattttgt | tgatctcgca | ggatctgaaa | gactgaagcg | tactggagct | 120 |
| acaggcgaga | gggcaaaaaga | aggcatttct | atcaactgtg | gacttttggc | acttggcaat | 180 |
| gtaataagt | ccttgggaga | caagagcaag | agggccacac | atgtccccta | tagagattcc | 240 |
| aagctaaca | gactactaca | ggattccctc | gggggtaata | gccaaacaat | catgatagca | 300 |
| tgtgtcagcc | cttcagacag | agactttatg | gaaacgttaa | acaccctgaa | atacgccaat | 360 |
| cgagctagaa | atatcaagaa | taaggtgatg | gtcaatcagg | acagagctag | tcagcaaatac | 420 |
| aatgcacttc | gtagtgaat | cacacgactt | cagatggagc | tcattggagta | caaaacangg | 480 |
| taaagnatta | nttgccaaaa | aggtgtggaa | agntcattg | acatgttcat | ganaatgcta | 540 |
| tgctacagac | tgaaaataat | aacctgcgtg | taaaattaaa | gcctgcaaga | nacngttgat | 600 |
| gcattgaggt | ccagaattac | acacttggtt | gtgatcaggc | caccatgttc | ttgccaaaca | 660 |
| ggtgaaggaa | tgaggagatt | agtaattgat | catagttttt | aaagaatcga | aatctaggca | 720 |
| aatttngaag | tgaaccngat | ta | | | | 742 |

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4154

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| gnnnttttnag | ntacagctct | tggtttctttt | gcaggatccc | atcgattcga | attcggcacg | 60 |
| aggcaaagt | ccattttgtt | gatctcgag | gatctgaaag | actgaagcgt | actggagcta | 120 |
| caggcgagag | ggcaaaaagaa | ggcatttcta | tcaactgtgg | acttttggca | cttggcaatg | 180 |
| taataagtgc | cttgggagac | aagagcaaga | ggggccacaca | tgtcccctat | agagattcca | 240 |
| agctaacaag | actactacag | gattccctcg | ggggtaatat | ccaaacaatc | atgatagcat | 300 |
| gtgtcagccc | ttcagacaga | gactttatgg | aaacgttaaa | caccctgaaa | tacgccaatc | 360 |
| gagctagaaa | tatcaagaat | aaggtgatgg | tcaatcagga | cagagctagt | cagcaaatac | 420 |
| atgcacttcg | tagtgaaatc | acacgacttc | agatggagct | catggagtnc | caaacaggtt | 480 |
| aaagaattan | ttncnnaaaa | ggggtttgga | aagcttcatt | gacatgttca | tganaatgct | 540 |
| atgctacaga | ctgaaaataa | tacctgcgtg | taagaattaa | agccatgcaa | ganacgggtg | 600 |
| atgcattgag | gtccagaatt | ncacacttgt | tagtgatcag | gccaccatgt | tcttgccana | 660 |

cangtgaagg aaatgaggag attagtaata tgatcatagt nttttaaaga aatcgaagat 720
 ctcanggcaa atttttagaa gtgaaccatg atga 754

<210> 4155
 <211> 773
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4155
 gnnnnnnnttt nngagggggn tttgggggggt tttcnaattt ttctancgng tgagganctc 60
 gaactnnccn aaanaaaan gcggtcgaa ttcggcacga gatttgattt aaaaaaggag 120
 aaatgttcac actcagtcta gaccacttag gtatgcagag ttgcatcctg aaagcaattg 180
 ctcacacttt ccttaatata ctccctntcc acctttgcaa aaccttgatt ggcattggagc 240
 ctcnactgct tgcattgtat acacatgtaa taagaaagca ttaaattctt tggaaattag 300
 gaattgacaa gataaataga taaggcataa agccaatttt tcacacatgt ccttaggctc 360
 ttgtaaatgt gtgcctggtg ctgctttgac ttnccaggct cgggaggctt tctctttctc 420
 tctnttccca angtgaggct ggcaagctat cagnctctcc agagcaaaga gaaatggcag 480
 gagaattgac tgcgtgaacc ccacagggcc ggtagtgga aaataaatgt ctaaattgaa 540
 agggtcacac tngtgtanat ggtgactgtc ntgcttgcan cagctgagga caccgactgn 600
 gtgtagcgag tgcctgctt ttcattgttc catctggctn aataaagaan tcacgaagca 660
 nacctngcct tggctnaaac cctntgngct ggacacaaat gactttgatt ncaaactcaa 720
 gtccttggnna ntgtcacaaa ggacnaacc cgggctggga caaaanccta cna 773

<210> 4156
 <211> 773
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4156
 gnnnnntttnn nnnnttttnn nnnngttntt gaccanaggt aanacnnngg gaattnctct 60
 ttctgcagga tccntcgat tcgaattcgg cagcaggcag aaacaatagt caggagtgtg 120
 agattnggct gattaacatg gtgaaacccc gtctctacta aaaatacaaa aattagctgg 180
 gtgtggtggc ggggtgcttg aatcccagtt actcaggagg ctgaggctgc attatcgctt 240
 taacctgggg ggcggagggt gcagtgaacc aagatggggg caataagagc aaaactttgt 300
 ctcaaaaaaaaa aataaataaa taaaaataaa aatatgtcaa gccccttctc ttctgtctc 360
 ctctcgtggt gtgtacttga ctcccttctc cgccagatct cacaggactt tcagatttaa 420
 gcaatacctg gccaagaaac aaaagcaaaa tcattccatt ccccgagtgg attcagatca 480
 aaactggtaa taaaatcagg tcgactccaa aaggagacat tggagaagaa cgaagcgggg 540
 tctataagga attgcacgtg agatggcaca catatttatg ctgtgtgagc attacaatcg 600
 cgttaccata tcaagctgaa aatgtcacca ctatctggag tgttggaat gtttattggg 660
 aatatgtntt ttctctgaat ctgctatgaa cagctnaatt ggggtgggtt aataataaat 720
 atgtgagact tttcatttca aaataaaaaa ggcaaatgat gtaaaaaaaaa aat 773

<210> 4157
 <211> 809
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4157

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| cnaanttttc | taatgctgnt | tctatncngn | atnctnggct | anccnacnac | nnnggatncn | 60 |
| aattggcacg | aggcttcatg | agagactgac | ngctatnacg | ggtcgtggca | cttaangagg | 120 |
| actntttctg | ccccagnctg | tgctgatgac | acatacacac | ctgacaatag | ctngngtntn | 180 |
| ctctgnncc | ttnnctctgt | naccancatn | cacnngatct | aaaacccttt | ctnaatatct | 240 |
| atctggntc | atccttggcc | atgcagnctc | agagctntat | gnacttnatt | acncttnncc | 300 |
| ttngaacttn | tnntnagnta | cngataangn | gctatctttc | agctggatga | tnaacgnttt | 360 |
| nntctgtacg | nacatggacg | atgntttcct | caaacctcta | naactataga | ccagtcactg | 420 |
| ntacntntan | ccagacatga | ttnnatacat | cnatgagtna | gnacaaaacca | caactanaat | 480 |
| gctgtgaaaa | aaatgctgna | tntgatnaaa | tatgaaatgc | tatcgctata | ttncttccnn | 540 |
| catangcngc | ngtnntcatt | tagcaacaac | aattgcatcc | attaaaaatnt | ttttaaggna | 600 |
| cantttggan | ngtcccccaa | tnttggngaa | atncnanggc | cccaaaatgc | cangtgccnt | 660 |
| tananacccc | ggggacccca | accttttnga | aaagcgtnnc | acaanaaggg | gtnaaagtn | 720 |
| nanncgcctt | ggccnnnaaa | anaaacnggg | naataacctn | ggttaaccct | gnnntttnaa | 780 |
| actnggggnt | ttncnnnttn | aaaaaaaa | | | | 809 |

<210> 4158

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4158

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| ctaanagttt | cntaatgctt | ncttctaata | ncntaattac | tcaggnggct | cnannnaaca | 60 |
| ggcgntgngg | ncnctcaccg | actcctccct | ggtncacang | cttntgnggg | gccaccaagc | 120 |
| ccctnctgng | ccccctocca | tccatantgc | atggcgngtg | gngccccnt | ggctccaaga | 180 |
| cagatcangc | ccnancttgc | ntctaccnnn | atnccnctg | anaacgtgcc | actgaatnaa | 240 |
| ntntgggaaa | ccagaaaaga | tatacattaa | tttaagaatc | atttactatt | taaatgagac | 300 |
| aatcaatatt | attnnagaan | cannnatccc | aatgagaca | atcatnntta | anttncaaga | 360 |
| tancagaagt | gaccaatgtc | attnnacaac | acctanaaga | tnnactggtn | nntcaggtaa | 420 |
| angtagantt | ttactganaa | ncctgnatgn | atttgacttg | tgcttttgta | ncnntnntnt | 480 |
| nccttacttn | tttngntttc | catancctan | taannatgca | ttactttnac | tggatataag | 540 |
| nnnnatcctt | naaaagggtc | tttctnttag | ctntacaggt | nnacaatnat | nnctggngctc | 600 |
| ttgacncatt | tgnnacttan | ntnccttann | gcttttnagt | ataantttcn | aaancnnggc | 660 |
| cnttttagctt | ttncntnagg | ncanttnacc | cccttnttaa | aaaaangnnt | anttnccgcc | 720 |
| nnaaatttgg | ncntgaatct | ttctccannn | tcggcttttc | cantattttt | ataaagccnt | 780 |
| gganagggnc | ncaaantggg | tttggngctta | anttcctat | atacttanct | cncg | 834 |

<210> 4159

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (814)

<223> n = A,T,C or G

<400> 4159

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| nnnccttttg | aacctcacng | aaanccttcc | ttctaatact | ggcacgcttg | ganatcgaac | 60 |
| tnnctcnaaa | nanatnggtt | tgnggcctgg | ggcccttcta | gcctgagctg | gtgacctggg | 120 |
| catctgcacc | ctaaccacag | ctgaccgagt | cagatctttg | tccagtgttc | tgaagatcaa | 180 |
| atgccgtgcc | cttttgcaat | ataacaccag | ctgcttttag | tccacagcct | ctgacatgcg | 240 |
| atttgaagac | acgttttatg | gagcagacat | tatccaaggg | gagagaaaga | gacaaagagt | 300 |
| gctgagctcc | aggtttaaga | atgaatatgt | ggccgaccct | gtataccgca | cttttttgaa | 360 |
| gagctctttc | canaagaagt | gccanaagag | acagtagtct | gcatacatcg | ctgcaggcca | 420 |
| cagagcactt | gggttggaag | agagaagatg | aaagggacat | ccttggggct | gtgcccgtga | 480 |
| gttttgctgg | cataggtgac | aggggtgtgc | tcttgacagt | ggtaaactcg | gttttcagag | 540 |
| tttggtcacc | aaaaatccaa | aataccccc | atgaaattgg | acgcagcaat | cttgaaatca | 600 |
| tctctaagct | ttgctttcac | tttgtgaacn | agttgncctt | ctattgatcc | caaaagaaag | 660 |
| ttttctaagt | taaaaggaaa | ttcctangtg | aatcaacccc | acnagggaaa | aaccacttg | 720 |
| ccacaataag | gaaggccggg | ttcccccttg | gtgccnggtt | taangggccc | cntgtaangg | 780 |
| naaacacnac | cggggnacct | tttttttttn | taat | | | 814 |

<210> 4160

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (775)

<223> n = A,T,C or G

<400> 4160

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tnnnnttttg | aaannnttcc | taatgcantn | gngaaacttc | tnaaaccntg | gcaatngctc | 60 |
| tttctgcagg | cagcccagcg | atncgaattc | ggcacgaggt | tagagtaagt | aaagatatng | 120 |
| ttaagaaaag | tacttaaatac | caagaaagag | agtcaacaaa | tatttatacc | attctctcat | 180 |
| taagtgcac | tggttccata | aatttaaaga | cagcgggttc | cccatatcta | tggnntngca | 240 |
| ttccatggnt | tcagttacca | cagtcagcct | ctgtctgaaa | atattacatg | gaaaattcca | 300 |
| gaaataaaca | attcataagt | tttaagttgc | atgccgttct | gagtagcttg | atgaaatctt | 360 |
| acaccatccc | cctccatcca | ggctagtaca | tgactcatcc | cctngtccag | catatccaac | 420 |
| actgnctatg | ctaccgcgcc | attagtcact | tagtagccaa | ctcggttatc | agatcgactg | 480 |
| tcatggnatc | atagtgcctg | ngttcaggta | acctttatct | tacttaatag | tgaccccaaa | 540 |
| tgcaagaatg | acataatggg | ataacnggnc | tattnnatca | ttaggnaatg | gnantagnct | 600 |
| cttactgggc | ctaaattata | aattaaatcn | atcatgggca | tatatttaga | ggaaaaaacc | 660 |
| atgggggacg | taggggtngg | nccnatnngg | gggtcaaaan | atccactggg | aagnctnaaa | 720 |
| aacatanggn | ccngaggaaa | aggaangagn | cccggaaacc | ttnaattntn | cttaa | 775 |

<210> 4161

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (817)

<223> n = A,T,C or G

<400> 4161

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|----|
| gtnnnctttc | taatggcttg | gctactcgcc | ttctaattnt | ctaactcttg | gcnaactcgtt | 60 |
|------------|------------|------------|------------|------------|-------------|----|

```

ctttctncaan gnaccnntcg ttncgaattc ggcacgaggg aaggagggtt taaggaagag      120
actgtggaca gaggtgttag ggaaggtgtc agagaagggt aaggagccaa catggatcat      180
gggggtggta cagtgttgcc agggctgggg aggattggct gcagtgtggg gtaccacagcc      240
gctgccatgt ggagagggac ctgtcactcc tgctgtgaac tctcccttct tctgccctct      300
gacctcctgc tgggtgcctcc cattggctaa acacagttga tggccagtgc actggggagc      360
tgttcttggg gccacagge atctgcttct tggcacagag cagacaatgg attgagtcen      420
ggagggaaag gaactagaga atacccaagt cccaacccca ngcgtttgct gaatgtgtct      480
aatcttcctt ttctacaaac ccattctgacc tctnccccct ctctccacgc caagctaggt      540
cccaattctt cctcaagctc cactccttcc accctgtaat cttttntatc accctnccct      600
cctnaacacc ttgggtccgg ctttacaagn ttccttccc gngacttagc cttttcccn      660
acctttgccc aancaaattt tacttcttta aaaaaagggt gcttggaanc ctaaaagaca      720
ttantccaan ggttaaaggc ctcccttttt ccttttatcc ccaaatacaa aaccctttta      780
aggctctttt ttcattcaaa attttaaaaa ccccnct                                817

```

<210> 4162

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 4162

```

ttttccnaa annngcntng gctacnctg tttcaaaatn ttcanatccc ttggcaacte      60
gccnccnnac gcacaagaan tntgngttgg cgttcttgag gagctnagcc ttcgctcctn      120
aggatcacag gcttncatgt tgaagctggc agtgctagag gctannncct atctgngtga      180
cagcatttna natntancag gaccgacttt gangttncca aatatntata ggcannctgt      240
aatcatnac accgtntgcn atancctctc tcannctctg tctnctctt ntaactgnag      300
caaaagttct ttctcangca acaacnttcn tntatcctn agnagnat actgtgttcc      360
tnnncatgtt cggcgaaacgc tattacnct gactncaac acncacntga catngacccn      420
tatncaaac nngntangga aaagctanat gtctgnangn tgetnnncgc ttgangantg      480
ctaanagcnc tttagancat ccattanctt tctnnangct tgangtttta nggctnatan      540
nctntggaa nttangtatt ctgggnatga cctnctatng cttntnanac tattnaatcc      600
agacctgan cnntannctt ggaangtncc ncancnaaan nantatcctt ggggaacngg      660
nggtactgna ctntngatca anccnaanan ntggngantga nccanttggn aaattgaatc      720
cntaatctc ccctgggcaa cnnannngng gcttgcttna aananntgga accnnannat      780
gcecgtaaaa ncttccttaa ttancctngg tanactgca ctggcanntc tnnatanggc      840
naattccana agnnntgant nttattcacc c                                871

```

<210> 4163

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 4163

```

tttctaaatg gcttgggnnn cnccttgac caccgaaaac gnttggcaac ttctcttttc      60
tgcangancc catcgattcg aattcggcac gagataattt ttttagtttg tttttgagac      120
tntctgtca cccaggtga gtacagtggc atgatcatgg ctacagcag cctctcaacc      180
tccctgggct caggtgatcc tcccacctca gcctcctgag tagctggtac cacaggtgtg      240

```

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| tacctgggta | attttttggt | gtttcttata | gaggcaggat | ctccttatgt | tacccacacc | 300 |
| gggtctcaa | ttctggactt | taggaatcct | cctgccccgg | cctctcaaag | ggctggacag | 360 |
| gtgtgagcca | ccaggcctgg | ccccaaagctt | gtacagcagc | atctgcccc | ttatacctct | 420 |
| ggcactcagg | cagtgatgcc | tcttggccct | ctggcaaagg | gagcacactt | ccgttagttt | 480 |
| tgtatttgta | tggactttta | tacctatgac | gtttctgggt | ctgntaatct | tgtttttccg | 540 |
| actgattgaa | actttcatct | ctggatatcaa | ttggggngtt | ttcttagaaa | aaagcttggtg | 600 |
| gtgaaagggg | ggcaaaaaaa | aagaaaccaa | ngttctgaaa | gttcacctct | ttgaattgca | 660 |
| accacccctt | ggtanaaaga | atgggaatca | atnggaatgc | cttggccnaa | tttttgnanc | 720 |
| cnnttttttt | ggcaaagnaa | aangggatcc | aaaaagtgg | aaccgggaaa | aaanccttgg | 780 |
| ggnaaacctt | ttgggtnggg | aaanggggtt | gggtngnacc | caattccna | | 829 |

<210> 4164

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4164

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| tcnccctttt | caaaaagcnt | tgggnnnn | ncnttctaac | tttccnaata | cntgggcaac | 60 |
| tcgctctttt | tncangcagc | nnntcggttg | cgaattcggc | acgagacttt | caacattttca | 120 |
| tggatagaat | aagtaatggg | gggttagaag | aaggaaaacc | tgttgatcta | gttcttagct | 180 |
| gtgtggacaa | ttttgaagct | cgaatgacaa | taaatacagc | ttgtaatgaa | cttggacaaa | 240 |
| catggatgga | atctgggggtc | agtgaaaatg | cagtttcagg | gcataacag | cttataattc | 300 |
| ctggagaatc | tgcttgtttt | gcgtgtgctc | caccacttgt | agttgctgca | aatattgatg | 360 |
| aaaagactct | gaaacgagaa | ggtgtttgtg | cagccagtct | tcctaccact | atgggtgtgg | 420 |
| ttgctgggat | cttagtataa | aacgtgttaa | agtttctgtt | aaattttggg | actgntagtt | 480 |
| tttaccttgg | atacaatgca | atgcaggatt | tttttctctac | tatgtccatg | aagccaaatc | 540 |
| ctcaatgtga | tgacagaaat | tgcaggaagc | agcaggagga | atataagaaa | aaggtagcag | 600 |
| cactgcctaa | acaaagaagg | tatacaagga | agaggaagag | ataatccatg | aagataatga | 660 |
| aatgggggat | tgaanctggg | atctgaggtt | caagaagaag | gactggaaaa | aatttttcaa | 720 |
| ggcccagttc | cagactttac | cttgaaggga | attaccaagg | ggcattacac | aaattttcaa | 780 |
| aaaaagcang | aagaatt | | | | | 797 |

<210> 4165

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4165

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| tnncttttcta | atgttttnna | atgctgggtac | ccttttcaaan | cncttngcgc | cagaatgggt | 60 |
| ccatgggtgc | tgtgaatgga | cacaccaaca | gcttttcacc | cctggaaaac | aatgtgaagc | 120 |
| caaggaagct | gcggaaggat | tgaagtcaaa | gaattgaaac | cctccaaacc | acgtcatctg | 180 |
| attgtaagca | caatatgagt | tgtgccccaa | tgctcggttaa | cagctgctgt | aactagtctg | 240 |
| gcctacaata | gtgtgattca | tgtaggactt | ctttcatcaa | ttcaaaaacc | ctagaaaacg | 300 |
| tatacagatt | atataagtag | ggataagatt | ctaacatttc | tgggctctct | gacccctgcg | 360 |
| ctagactgtg | gaaagggagt | attattatag | tatacaacac | tgctgttgcc | ttattagtta | 420 |
| taacatgata | ggtgctgaat | tgtgattcac | aatttaaaaa | cactgtaatc | caaacttttt | 480 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttttaactgt | agatcatgca | tgtgattgta | aatgtaaatt | tgtacaatgt | tgttatggta | 540 |
| gagaaacaca | catgccttaa | aatttaaaaa | gcagggccca | aagcttatta | agtttaaatt | 600 |
| aagggatgt | ttcaagtttg | tattaatttg | taataactct | gnntaagaaa | aaatcaaagg | 660 |
| accatgattt | atgaaactaa | atgtgacata | attttccagt | gacttgntga | tgtgaaatca | 720 |
| gaccacggac | cttcagtttg | nacctatttg | ctttggaatc | aaccg | | 765 |

<210> 4166
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| <400> 4166 | | | | | | |
| ntctttctaa | ttacttatnt | gtcatggaac | tcccactntc | tcnaccnnanc | naggcnntgn | 60 |
| cgaattcggc | acgaggcaag | agatttcaca | gacctgatng | tttttnatga | agatcgtaaa | 120 |
| accccaaatg | gacttatttt | gagtcacttg | ccaaatggcc | caactgctca | ttttaaaatg | 180 |
| agcagtgttc | gtcttcgtaa | agaaattaag | agaagaggca | aggaccccac | agaacacata | 240 |
| cctgaaataa | ttctgaataa | ttttacaaca | cggntgggtc | attcaattgg | acgtatgtnt | 300 |
| gcatctctct | ttcctcataa | tcctcaattt | atcggaaggc | aggttgccac | attccacaat | 360 |
| caacgggatt | acatattctt | cagatttcac | agatacatat | tcaggagtga | aaagaaagtg | 420 |
| ggaattcagg | aacttggacc | acgttttacc | ttaaaattaa | ggtctcttca | naaaggaacc | 480 |
| tttgattcta | aatatggaga | gtatgaatgg | gtcccttaag | cccccgggaa | atggatacaa | 540 |
| gtagaagaaa | aattccattt | attaaagtct | gacagaatga | tattgnattt | gctgaacaag | 600 |
| cctatctttg | aactntggga | aaaattatatt | tttgacagna | atactctttt | caaaaatggg | 660 |
| catttgcttg | atttccanaa | acctttcncg | ttctgggacc | gaattaccca | aatgccccatg | 720 |
| gaatttccca | ctgggggggtt | taatgttnnaa | aantcccaan | taaaaagttt | ttttcg | 776 |

<210> 4167
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (741)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| <400> 4167 | | | | | | |
| tnncttcaaa | ctttegetct | tggttttttg | caggatccca | tcgattcgaa | ttcggcacga | 60 |
| gagttttgga | tgagacttgg | tatggtccat | tctgggacaa | aattcctctc | tctctctctc | 120 |
| tgcggaaccg | tgaaatctag | aaaataagtt | atthtcttct | aaaatacagt | gatgggacag | 180 |
| acataggata | gacattccca | tttcaaaagt | gagaaattgg | gccaggtgca | gtggctcaca | 240 |
| cctgtaaccc | cagcacctgt | aatcctagct | ccccaggcgg | ctgaggcagg | aggattgctt | 300 |
| gagcctggga | gatcaagggt | gtagtggacc | atgattgcgc | cacctttatt | ggaaactttt | 360 |
| attccagtta | ccaataacac | attcctcatt | tcctccagag | acctcaccag | aaacaccttt | 420 |
| aatattcata | tttctagcag | ccttctgttc | ataacaatat | atgcacctcg | ttaagatgat | 480 |
| aggagatttc | tctgcacctc | tcctcttttg | gagcctgcag | ggacattccc | tttaatgtcc | 540 |
| atatttctac | cagcagtctc | ttcaaggcag | tctaggtttt | tcctaacata | cacctcaaaa | 600 |
| ttcttgacgc | tttgccaag | cacagtgcct | nacatctgna | atcctaacac | ttttgagagg | 660 |
| ccacatggac | aagatgcttg | agctcaggag | ttcaagacca | gcccggggcaa | catatgaaac | 720 |
| cctgccttta | aaaaaatcaa | t | | | | 741 |

<210> 4168
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4168

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnnnnntttt | nnnnntttt | tggaaancct | tnnnnnnnnn | tttcnaatnc | ttgggcnact | 60 |
| cgttctttct | ncaggcagcc | catcgatncg | cctttattca | ttttcactgt | tatccagaat | 120 |
| tccattatat | gaatatgcca | taatttttaa | gttcacgtta | ctattgttaa | gtgtttctaa | 180 |
| actggaaatt | actccagaca | atactatgag | cacacctgtc | tgtggctttt | gatgagcatc | 240 |
| tgaatgcagg | ccaaacttgg | cctgccaaac | agtttctgcc | gttggttgta | ccagttcaca | 300 |
| ctccctgcca | aacagtctct | gcaatgtttg | taccggttca | cactccacag | gcagcacatg | 360 |
| aaagctttat | ttgtccata | tcctctcaaa | tttagaaata | attacaaact | tatgtaaaag | 420 |
| ttaaaagtac | tatacaaata | attttatgcc | tgaagttgc | caagttcatg | ccatattact | 480 |
| tctaaatatg | ttagtgtgtg | ttttctacaa | acaaggagat | tctcctgtgt | accagacagc | 540 |
| agtcatacaa | gtcagagaaa | ntaacatcag | tacattgctg | ncatctaata | cttactccta | 600 |
| ctcaaagttt | cactantttg | cttccaaaag | tgctctttta | tggcaggang | gatcanaant | 660 |
| aatgtatagg | ccaagcacia | ngccctggaa | tctggaaatc | ccagcacttt | tngggaaaac | 720 |
| caaataggaa | ggttgccctg | gaactcctga | cttaaggcga | nncanccaac | ttaaaccctc | 780 |
| ccaaagngg | | | | | | 789 |

<210> 4169
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 4169

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcttggtctt | tggtcttttt | gcaggatccc | atcgattcga | attcggcacg | aggttttggt | 60 |
| actaaaggcc | gagactgttg | tggcgacggc | gacctctacg | gcaacggctt | aagctctcgg | 120 |
| aggagtggca | gagtacgatc | tgaaggaggg | gcttctgggt | agcccagggt | ccatcataat | 180 |
| gaatggatcc | aatatggcaa | atacatcacc | gagtgtaaaa | tccaaagagg | accagggggt | 240 |
| aagtgggcac | gatgaaaagg | aaaaccattt | tgcagagtac | atgtggatgg | agaatgaaga | 300 |
| ggatttcaac | agacaggtgg | aggaggaact | gcaggagcaa | gacttcttgg | accgctgctt | 360 |
| ccaagagatg | ctggatgaag | aagaccaaga | ctggttttat | ccctcacgag | acctgcctca | 420 |
| ggccatggga | cagttgcaac | agcagttaaa | tggactgtca | gtcagtgaag | gtcatgattc | 480 |
| tgaagatatt | ttgagcaaaa | gtaacctgaa | cccagatgcc | aaggagttaa | ttccaggaga | 540 |
| gaagtactga | gccgagaaa | ctttgaggaa | gacttgtctg | tccccacatc | tggggatagt | 600 |
| aatgcacaaa | atggtggagc | ttaagaaggg | gatggggccg | gccaaggggt | gcacancggg | 660 |
| aaagggantg | gtggcttaca | atactgggac | tctgagtact | aatatgctca | gtcttattct | 720 |
| aaaaaaaa | | | | | | 728 |

<210> 4170
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (735)
 <223> n = A,T,C or G

<400> 4170

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tctaaacgct | tggnncttgc | tctttctnca | ngnancnnt | gcgntnecaa | ttcggcacga | 60 |
| tctagatatt | gcccacatgc | tgcccacagt | gcacatacct | ttccaccagt | cacatgtgag | 120 |
| agggcagatt | ttccaaatgc | tcatcaccac | ttggcactgt | gtggactata | attttggcca | 180 |
| gttaggaaat | ggcatctcat | tgttttcatc | ttaatttgcg | tcagcctgat | tactcattga | 240 |
| aacttgtgag | ggtgagaaac | ttttcttaag | cttattggcc | attcaagttt | cctcctttat | 300 |
| gaaatgggtg | ttcatgtcat | ttgctcattt | ttatattaga | ttgtttttct | tttttccagc | 360 |
| tgacttgtag | gaactctaca | tcttatcaat | attaatcatt | tatcgaaaac | tatttgggtg | 420 |
| ccattatctt | ctcctagtca | atgttttttg | tttgtgatat | cttttataat | atataagttt | 480 |
| ttaatgttgg | cagaagtaaa | gttaatcttt | ttggctgtgt | tgtgtgtctt | gtttgatgta | 540 |
| aagatagttt | ctgtaatatg | tttgacgttt | gattgntcat | ctttaggtct | tcaattcaac | 600 |
| ctgcacatcc | atccccctca | tctcttttct | tactctgttt | ttctccatac | cacttatcat | 660 |
| ccaataatat | ggtcatgccc | tttattnacc | ngntttgcat | atataatttg | gcttgncc | 720 |
| ggttccttcc | ctana | | | | | 735 |

<210> 4171
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (773)
 <223> n = A,T,C or G

<400> 4171

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tanacnnatt | ggtntgatgc | ntggtgctgc | ctgcgctgcc | ttaagaagct | gagactcaca | 60 |
| caagtgttaa | gagggatatc | ctggagacan | ngtagagata | gaccctgtta | cgaatcagag | 120 |
| ggccagcact | aagttttgga | ttaagcagaa | acccatctna | atcgattccg | acctgctctg | 180 |
| tgctgtgac | cttgctgaag | agaaaagccc | cagtcacgca | atatttaaac | tcacgtatct | 240 |
| aagccaatca | cgactatnaa | cacctctact | ttgaatcgga | cgctgctacc | cgatcaatgaa | 300 |
| attgtgctca | aggttaacta | catcctggaa | tcgcgagcta | gcactgcccg | ggctgactac | 360 |
| tttgctcaaa | aacaaagaaa | actgaacaga | cgtcgagctt | cagcttccan | aaggagaaag | 420 |
| aaaatccggg | cagcagttga | cactggcctt | cagcctnaat | ctgttcccgt | agcttnagaa | 480 |
| ccttgcctgc | cagggccaag | tgccctagag | cccaccccgg | tgtcctgaan | tcctnggggg | 540 |
| ggaggccagc | cccctgggct | tactgggcac | anggcaagtg | gggctctcng | gggaaagggtg | 600 |
| tctggnggcc | cccttangaa | gggaanccgt | ggggacattt | gccattggga | ccggaaagtc | 660 |
| ttggtttggc | anttggtttt | ngataancca | tgctttgngg | gtcnagacca | ccnccctaaa | 720 |
| ggagccacgt | ggcngccaa | gccaccttaa | ttgcctggca | cctggcccng | gng | 773 |

<210> 4172
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (797)
 <223> n = A,T,C or G

<400> 4172

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tnnnngtttc | ctantnnntg | ggctactcgt | tctttccgca | ngatcccntc | gntncgaatt | 60 |
| cggcacgaga | ggcagtgaact | gccttcggct | ttttttctgc | tgactaagat | ctcctataga | 120 |
| gagctacaac | aatgcccaca | agaaaggctg | caggtcaagg | tgatatgagg | caggagccca | 180 |
| aagagaagat | ctgccagggt | gtctgctatg | cttgtgcccc | gttacacca | gaagtgaag | 240 |
| ccctaaaaag | aacatcaagt | tcaagggaaa | atgaaagaca | aaaaagtgat | atgatggaag | 300 |
| aaaacataga | tacaagtgcc | caagcagttg | ctgaaaccaa | gcaaggaagc | agttgttgaa | 360 |
| agaagactac | aatgaaaatg | ctaaaaatgg | agaagccaaa | attcagaggc | accagcttct | 420 |
| gaaaaagaaa | ttgtggaagt | aaaagaagaa | aaatattgaa | gatgccacag | aaaagggagg | 480 |
| agaaaagaaa | gaaccagtgg | cagccagaag | taaaaaatga | agaagaagat | cagaaagaag | 540 |
| atgaagaaga | tcaaaacgaa | gagaaagggg | aactggaaaa | gaagacnaag | atgaaaaang | 600 |
| ggaagaagat | ggaaaagang | attaaaatgg | aaatgagaaa | ggagaagatg | caaagagaaa | 660 |
| agaagattgg | aaaaaaggtg | aagacggaaa | ggaaatggag | aagatggaaa | agagaaaggn | 720 |
| gaaagatgaa | aaagaggaan | aagacngaaa | ngaaacngga | gatggaaaga | gaatgaagat | 780 |
| ggaaagagaa | ggagttt | | | | | 797 |

<210> 4173

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 4173

| | | | | | | |
|-------------|-------------|-------------|-------------|--------------|-------------|-----|
| tntctctacn | nanntcngga | accettgntc | ccacgaccct | cgtncgaatt | cgggcacgag | 60 |
| gtgtgttctg | tgggaggggtg | tctgtggtga | tgtgactatc | aggggtgggccc | tgtgctgggg | 120 |
| atggggcagg | cctgggtctg | gagaggattt | tgtgtgaaaag | taaatgggggt | gtttgaggcg | 180 |
| tatgggtggc | tgttgggtg | gggagggcatc | ttgtgtatgg | ctggtgggaa | cagcaaccaa | 240 |
| aagggtgcttt | ttgggttttat | ttgagatcaa | gattgtgttt | ccgcttaatt | actagtttgt | 300 |
| ggtctatata | atagaagtta | tttccacccc | cattttatct | tgacaaccocg | tgtttgcatt | 360 |
| tctgtaaaac | ttctacaact | tctggtgtca | agaactgtcc | agaagatggg | actgttaact | 420 |
| ggtatttctt | ttgatgtttt | gattttgaaa | gtttactctc | atgcaaattgt | ttcangcgta | 480 |
| catacatagg | cagaaagcaa | atttttaggt | gatttgtctg | tntcttggat | gaaatttaaa | 540 |
| gcaagcttta | atggtctgac | ttgntcattt | gaaatncaaa | aaaagtaagt | gaaatttaaat | 600 |
| ggtttngcat | taacctaaag | gaaatccttga | agattnatgg | ttgaaggaaa | ttgggtatggg | 660 |
| ccatgccctt | tgggtgaaac | cccngaaant | cnttttttaa | gtttaaaaaat | tgaaaaaaaag | 720 |
| ggttttttaa | tttgctttgn | ggccgtgttn | taaaattggg | acccccatt | tttanaaaatn | 780 |
| attttttttc | ccgtcttccc | ttttacccaa | cna | | | 813 |

<210> 4174

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4174

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gtnnnnnttt | tctaataget | tgggatactc | gttctttccg | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | ggttctcagg | ccttccagggt | agtcctcttc | ctggacttaa | gagtgcaaac | 120 |
| tcttctctgt | ggttctagcc | ttgggcagaa | ttatatccca | gagaccacag | agcaactgtc | 180 |
| aagctgctta | ccccctcacc | cagggctaca | gcctgtgccc | agccctctaa | tttgtgcctc | 240 |

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| tcttggtgtg | ggggtggtg | gggttattcc | tttccctttc | ctgctctggc | ctccttgaaa | 300 |
| gttcagagta | cccagtacaa | gtcagcttta | aagtacagct | tttagtggtt | cctgggttgt | 360 |
| ttctctgggg | ctttagttag | ggacctttgc | cctctgggtt | ttcttgccctc | ctgggtttang | 420 |
| gagcatctca | cacttggttag | tatctgggtg | ttgggccagc | ccgtgcctnc | tctagatctg | 480 |
| gagccaggcc | aggcaggggc | cacgtgtggg | ccagtcagcc | actacaagat | tttgctaagc | 540 |
| tttgggctgt | tggcagcatc | ttggacctca | tgcttggggc | tgaatganc | tctttcttaa | 600 |
| gtgggttttac | aaagtgtggg | ttttatttat | ggagtgaact | accccttcca | ttcagagcag | 660 |
| cccaccagc | cagcccttna | accttntggg | ctcctgntgc | ttaaaggcaa | accgcctggg | 720 |
| tgggctccac | cctgtgcatt | gggaacccaa | ccacccatgc | tnaccggnat | ttttcctcat | 780 |
| aaaagt | | | | | | 786 |

<210> 4175

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4175

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tctaagtgtt | gaaanccttg | ttctngacca | tcccgggctn | atgcttgggc | acgagagatg | 60 |
| ttcttatccc | caagagctgt | ataattccag | acagaggagg | caggcagaca | cctctataga | 120 |
| ggacttagaa | acgactgttg | tgagacacat | tcagtgtctc | ggatggcaag | tgtagtatac | 180 |
| cgtagaaaag | aacattcctt | tggggtgtgg | cctaggaagt | tttccagatt | tttactagc | 240 |
| gtacatctaa | ggaaaaccgt | aaacacagag | ctgcccttta | ttcctccac | aggaagaaat | 300 |
| gtacatcttc | atggagtact | gcatgagggg | gacttttaga | gaggtgtcaa | ggctgggact | 360 |
| tcaggaacat | gtgattaggc | tgtattcaaa | gcagatcacc | attgcatca | acgtcctcca | 420 |
| tgagcatggc | atagtccacc | gtgacattaa | aggtgccaat | atcttcctta | cctcatctgg | 480 |
| attaatcaaa | ctgggagatt | ttggatgttc | agtaaagctc | aaaaaacaat | gcccagacca | 540 |
| tgcttggtga | agttgaacag | caccctgggg | acagcaacat | acatggcacc | tgaagtcatc | 600 |
| actcgtgccc | aaagaaaagg | ccatgggcgt | tnccggccnac | atctggagtc | tggggtgtgt | 660 |
| tggcntagan | atggggactg | gccaaaagcn | cttggcatga | ntattgannc | cacctttcaa | 720 |
| attatgtata | aanncngggg | atggnaccta | aancccccca | atcccngnan | anaattaaac | 780 |
| ccctt | | | | | | 785 |

<210> 4176

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4176

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| cnnnncgnnn | nnncnacnan | nnnnccggnn | aacnttcnag | gccnttnnaa | ntcccnnttc | 60 |
| naangcttgg | cnatcgnctt | tcnncangna | cncngegttn | cggttggaga | aaccaagctg | 120 |
| acaaaaacat | ggtccccacc | ttttggagct | tacagtctgt | tctggggaac | agagattcag | 180 |
| ccagnagtca | agaaacactg | gatgccagct | agattatctg | ntctgtgctt | tgggtgtctat | 240 |
| aagtacatat | gtggatatgg | gttcatttta | tcctaaact | tagtaccaaa | ccagcattta | 300 |
| atatctaatt | ataaatctaa | tntgccctaa | actttattat | tgcacactgc | ctgaacaaaa | 360 |
| cctatttgct | tctatgtaaa | ttntttcctc | atggaacaag | ggtgtgaaat | gaaaatattt | 420 |
| taggatttat | tcaaaaacag | actattctgt | tttcagcttc | agaattgttc | tttgaatcct | 480 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| aaggaacctc | tgtcaacagt | ngaggcngct | gttgaaaaga | aagaaganng | aggcngaaat | 540 |
| ctctcangga | gaattatttc | ccnttctntt | ctatttcaga | tacctggagg | ggtggggaga | 600 |
| ngtaagaatt | gtaggggagg | atcannnctn | ggggaaanct | gtgaccagct | naatgaanga | 660 |
| atgatgattg | aaanaaccct | cttgcatctc | tnagntacce | ttcngcntcc | cttnnaccca | 720 |
| ntgggtataaa | atntngggcn | tngggcaacc | actgaccatt | tgncaangcc | ttaattggnc | 780 |
| cccaaataatc | cnacactggt | ccnagancct | taaangtctc | cagcacccca | cncnntnana | 840 |
| anncgnc | | | | | | 848 |

<210> 4177

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 4177

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|-----|
| ttctaaanan | ntttgggnnn | gtgnncttct | aatttttcnn | atacntggcn | actcgnactn | 60 |
| tctnnangna | gcnnntgngt | tngcgaattc | ggcacgtagc | tgagcacctc | gtctctataa | 120 |
| aaacaaaaca | acaaaacata | aacaacaaca | acaaaaaact | atgtgatagg | cattgtgtta | 180 |
| ggcactagaa | aatagtgtct | aaacaacaac | aacaacaaca | aaacatgatt | cttgtctcaa | 240 |
| agaatgcaca | atgttgggga | aagacaacta | aaaagtnata | aaacataaag | tttgaaggat | 300 |
| attatgatag | angaatnata | ggatacgttc | aatcatttga | aattcntgaa | tgtcatcctt | 360 |
| ttgggtggag | caccgagagg | gtttgtgaaa | aacttcccac | ataaagnaat | ntaancnatg | 420 |
| cattnnntaa | aaataactnat | gtnttttnaa | aaatgaatat | ggcaaataag | ctgtntctgcc | 480 |
| tancatntga | tnaaggnttc | acttttccat | nccnanggna | ttagcttatn | nnacttcana | 540 |
| catttcaaan | gtggaaaaga | ctcancanat | tcaaagcaac | cattcttgta | aagtttaatt | 600 |
| tcctntgtgan | tcgttcanaa | tttnaatnct | tgggaaaaat | gaacctgcaa | taagaanaaa | 660 |
| aattgggttc | actttttcaa | tnggggttaa | aggtttctgg | acttcaccca | aagtggcttt | 720 |
| ttncaaatgg | gggggncccn | taaaancaan | tatttaataa | nggaacttat | ntttgcgggt | 780 |
| tagcncnngg | gggnatnctt | ttgncaaaaag | gtttaaaaag | ccaattnggn | aangnt | 836 |

<210> 4178

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4178

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctnnctttnn | ncctnaagtg | aaatcgttcg | gtttancctt | tngcaggatc | ccatcgattc | 60 |
| gaattcggca | cgagcttagt | tccacaaata | attattgatt | tgtttaagcg | tgatgtatgt | 120 |
| gcttgctcaa | ggaattagaa | gatgagtatg | acaaagctca | ttccctcagg | gagttgagtg | 180 |
| tttcagaggg | atgaagtaaa | agaagatttt | aaaactacaa | gtagagtgtg | agaagtatca | 240 |
| cgagaaacat | caacaaaggg | ctgaggatag | aagggtgata | gtctcaagta | tctcaagata | 300 |
| ttcagcagtg | aatcttaaca | taaatttgct | tttaggggaa | gaatttcaag | catattgata | 360 |
| ggtcttaaat | tttctagtct | ctctgggata | gtaggaagga | gaatgatttt | taaaaagttg | 420 |
| attatgtagc | atggagtttg | gggactagta | aaaattttat | tgaaattatt | tgggaattgt | 480 |
| tttacagttg | tttttagtgg | aggttgtatt | tctgaaaata | ttgcatttta | gtgtgatgat | 540 |
| ttactaaaga | agtagcaggg | acttattcta | aggtaggaga | tagaaaaact | aataagtaaa | 600 |
| aatctgctag | caactttaaa | tggctgtcaa | acttttttta | atgattaagt | gctaattggg | 660 |

ggcagatgga aattgtaaag ccagtgccan aacaattgag gtatagaagt ttttttctgt 720
caattgctct acttttgaaa gagaagaaaa ttnganggca aaatttaagt cattt 775

<210> 4179
<211> 816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(816)
<223> n = A,T,C or G

<400> 4179
tnncngttnc ntattanntg ggtaatngct tggntctnng nctttctnca agatnccatc 60
gattcgcagc gatagcccaa aggctctgca gtattccctc caatggccaa ggattccgtg 120
tgtcatctgc aggagtgagt aggctctgct tatttcttgt aactgctggg tgttacaaaa 180
taagttacaa tgttttacac tttaaaaaaa aaaaacagaa ggaacatttg ctttattggt 240
tacttactag tttagcctct aggttatggc acagcatgct aaaaaatcat gtgtttaaaa 300
gtaaatgttg gtaaaatgct ggcacatggt cctattgtgt tgatgcattt tcacttctgt 360
ggcatagga aatggactgg tctaaagaga gtgaggcaca acacaagcag ggcattagtt 420
tgaataggaa gtcaatcata tttggtttta tggcctgggt tattttgggt ttaagataaa 480
atagggaaaa atgtcagaaa tgatccctat gcatttattt catggatccc ttaatttcat 540
gggcatgcct aataatgatc tatgtttctaa ctggagctta nggcttattt tagatattgg 600
gagtgtagct tttatttacn agatggattt tatctttcaa catttgcatt ttgatcaact 660
tttgtaatat tcaccgtgta tttaaaaata ttggtgcaact taaaatgttt tnccctnng 720
nttncttttt atattgggtc caaaggcant ttantcaagc anctnttttg naatggaaac 780
tcaatgttaa anttggcntt gggttcaann ggaaat 816

<210> 4180
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 4180
tnnnctttct aatgcttgge tactngtctt tccgcaggat ccctcgattc gaatccgnca 60
cgagggnggc tgccgtntnt ggctttngct nnaagggcna ngttcgggaa ccgttccaca 120
ncatcctgat gtccgaagg gactcactgn gccattgccc agcagtcgnc attccctaag 180
gtgctgtgat ccanaangcg ggntgngaga nattggggcc ctaccctact nactntnncc 240
cacaccatgt ntaaaatact canntntnn angggcnaa nacngctatc tggacccena 300
tcaggntcgg gnaacactgt tnaaaagtcc ctttcatgt tggcccatg aanagaccac 360
ngaccacgng gtacntggag ctcgatntcg anagttctca agnggggaact gaggggactt 420
ccactnctnt gggactnngg tcnactnncg tgnanancgg gacnactaca tnntggnetc 480
tttctganca ccacctntt ttcacgatgg nacntgtaga agggaaatgc tgganngatc 540
catcctntnt gntctcttct tngccctaa atgnetgcan ncanntccgn ncngntnctn 600
acctgnnngg tccttttggc ccngcnttg ncatgantac cngnttacct gcacccatnc 660
ctgacacmnt ttgntcttat cgtgcatg anggaaangt ggggtgggtat ttttcccaaa 720
taaagacttt agaccctnt tttnt 746

<210> 4181
<211> 865

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 4181

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| cgtnnccctt | ttcaaagtgc | cttggctact | cgcctttacg | caggatccca | tngatncgaa | 60 |
| ttcggcacga | gccaaactgc | tgccctcaa | gccccgcttt | taccagcctg | tgaggttcag | 120 |
| gaggcgagac | atnctggcct | cctttgagaa | ctgatgggat | ctacccctg | tccacgcngg | 180 |
| acagtntctc | agaactgggt | catagaccac | ctgtgttacc | aacagccaga | tacctaatac | 240 |
| ctgagcctnc | tttggaang | tctggggccg | agggctctggg | aatntgcttt | ntttttttgg | 300 |
| gacagagtct | cattctgtca | ctgcactcca | gcctgggttaa | cagatcgaga | ctcccatctc | 360 |
| aaganaaaaa | anaagganac | gggcatgggtg | ntagtgtgac | tggggtacca | gctacttcan | 420 |
| aagctgaggt | gggaggatcc | cttgagccct | gtaagcggag | gctacagtga | cctntgatgc | 480 |
| cantgaactt | ncgncatgac | aacagaacct | gtcttaaaaa | aaaaagtaat | taanaatttt | 540 |
| aaaattcaaa | agtgggacta | ttnatnggtt | aacagaactg | nttttaanaa | tgccntaaaa | 600 |
| atgggtggnc | catttttttt | aanaaccntt | gctggntntt | attggtnaaa | aattgnantg | 660 |
| gntcttncn | tgccnnngt | cnntnaaaaa | ttntttngna | ngggcnagnt | tttatngtna | 720 |
| attgntctgn | aaatntgnnn | aanatttcat | tcccananna | angntnnnt | tcccttaaaa | 780 |
| nntngnactn | aattgccttt | actgttnccc | ntnaanttta | aacnacnnat | ttntntntaa | 840 |
| accttttnaa | angnaaccn | nnccc | | | | 865 |

<210> 4182
 <211> 989
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(989)
 <223> n = A,T,C or G

<400> 4182

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| tncccttggt | gaaanccctt | tgctcctttt | tnctnccggt | tgncatncna | ttcgtcagc | 60 |
| tgaggcaatt | aaactggaaa | agaaatagat | tgaaaagata | ctntngaaga | agcagtacag | 120 |
| aagttggggg | actgaaggag | aggagaccac | tgagggtgct | agctgcttaa | ggggatacca | 180 |
| gtccttttac | agatataata | gatacagctt | ctgagggtga | gggtgatagg | agtgtgtatg | 240 |
| agaaanttgc | agnttnacaa | ctgctcntgc | ctcctnggca | anaggannan | cnnttcncn | 300 |
| nttnccnccc | ttatngnaca | cacattgncc | tgattggncn | tnccncngct | agcttncagt | 360 |
| cttnantnta | ctcannagnn | nntnggggaa | cnctntntcn | nantatgntc | ccttttcttc | 420 |
| tnnccntncc | nnatancacc | cnctcnctt | tcctttctaa | acttncacan | ntccctgana | 480 |
| atgntctccg | aatggantct | tngaatttct | ncgcccctnc | ntentcataa | tenttttget | 540 |
| netccngctc | nccctcatth | tnctacgtnc | cncttctnn | ttnaactgnct | ttaaatntta | 600 |
| ttancnnent | ntnctntn | atctncaant | ttcnnnccn | acnnnttttt | netntntnca | 660 |
| aatecggnna | aataagtntt | gncactcnn | ntnctanent | attntccctc | gcnntntn | 720 |
| tcattctccg | cnncactcac | ntnnnccnnt | caattntntn | nnacnccnc | tgctctacnn | 780 |
| ncnatntctn | tnccctncaca | ccctntancn | tnctntcan | aatgcctttt | ctnccctann | 840 |
| netntenttc | ncnnatctan | ccaantttnc | tttnacatcc | cctnccnntc | tnncccgacn | 900 |
| atatntnacc | tcttnnatch | cagngentan | nacnccccn | ttntnctnt | cnctctcann | 960 |
| ctntntntna | tcttcatnna | tcannccc | | | | 989 |

<210> 4183
 <211> 820

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

<400> 4183

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| tnncctttct | aatggcttgg | ctacnggctt | ctnaagnatc | cctngtttcg | cagctatagc | 60 |
| actaggcagc | cttgcaccc | gggtgttgaa | agtgcaggcc | attatcctcc | cctctgacct | 120 |
| ccaagatgtt | aggtggcctt | tctgtgcctc | agttttatca | tctgtaaatt | gggtatgatt | 180 |
| gtactagtgc | ctagtacata | aggagtgtgt | caaagattac | atgagtgtct | ttaaagtcct | 240 |
| tacaacagta | tctcacacat | agtaagcatg | gcatgtggta | gttactatca | tttagtccct | 300 |
| cttggagcaa | tggatattaa | aatttttaaag | acagttgtct | gntnaggatt | ggncatgcag | 360 |
| cctgaagttt | naaaacaaat | tgcacctgnc | tgtgtncatg | ggganacttt | ttaangccct | 420 |
| ggacctnatt | agctnaatgg | gctgtggaan | tgnatggggc | cttttgnagg | gcncnnttt | 480 |
| tnnaaacccc | naaattttan | aaagnttaac | cccagannct | tnattctnca | ttttaactgg | 540 |
| cctnttggna | gatataatgg | cagaagtgtt | tanaagggtg | naaaagtgtt | ttttgcncn | 600 |
| anaaaaaangg | ggcttaaaat | tttttaattc | nnggggtngg | cgccnnaatt | tttcaataaa | 660 |
| aanntttcan | gaattattaa | nnggggtngg | atnaanngan | ttntntnttn | anaaaggatt | 720 |
| tttaanaaat | ttggggggaa | gaaccnnaat | tattaacngc | taanttatct | natggcttcc | 780 |
| gacttttnaa | ngtttttnga | aanannccna | nntttattnn | | | 820 |

<210> 4184
<211> 810
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 4184

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tnccctttnc | taatgcttgg | nataccttgg | tttccaatgn | ttncagggtt | tnctgtcact | 60 |
| ccagcctaca | tgacagagtg | agaccctgtc | tcaaaataat | aatantaatg | nactgagact | 120 |
| cagaaaagat | gttngntcaa | ggttacaaan | ctcanacngg | acagggcagc | attggnaacc | 180 |
| aaaatnggtc | tgactcctan | gctcatgtgt | naaatnacng | tgcaaggctt | ntactatcta | 240 |
| tntttttcct | aanngaatgt | ctaaatgnac | ngatgggtta | catattacgc | agaatatgtt | 300 |
| aaacgtcaaa | tgaactgtnt | naacnataaa | tgctggagag | ttgaagtggc | caagaactca | 360 |
| tgcccnaggt | gatctgggaa | ngcctcttga | acaagggtga | attatagctg | gtttttgaag | 420 |
| aatccgaaag | gtgcttagat | tgaagggtga | gacatgtaca | ggaatgggtt | ctaagatgtc | 480 |
| atattttatc | tctgtcctca | tcttgactgg | cactaatgaa | catcaaagat | ttnaacctaa | 540 |
| atncattgag | tgcccagnat | gtgaagggtc | ttattttatg | aggtttttaa | gcttttttaac | 600 |
| atacttttaa | agaannngac | tggttaatct | ncactgnctt | agatcccttt | angaccccg | 660 |
| gagcccggat | tggcccccag | ggngcccttt | tgggaaatgg | gcgttggtcn | gggaccaagt | 720 |
| cttncaentt | ttggggacct | acccanaga | aaaaggaaat | gggtcccttt | gggggaattt | 780 |
| ttgccaggac | cttacaattc | ttgggaanaa | | | | 810 |

<210> 4185
<211> 820
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4185

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| gnnnnctttt | gaaanccctt | ttaanccctt | gctcttgntc | tttttgcagg | atccccatcga | 60 |
| ttcgaattcg | gcacgaggca | gaggcagggc | tagaatgttg | gacttcagat | ctcttacttc | 120 |
| tgtgtgctag | tgaccattc | ttagtccagc | acagacaatt | ctcaaacaga | ttagcaaacc | 180 |
| accctcttga | aattgcaaga | attgttacca | tgtgatcaag | gcatcataat | taatgcaaac | 240 |
| cctagtttct | agttgggaaa | gagattaaga | tggagacttt | gtagtaaaag | atggacatat | 300 |
| attttattca | catagcttat | ttattttgaa | tgaaagacca | agcaaactct | anccttggcc | 360 |
| tgtcctgang | aaggtgatct | ntgaaataaa | tgcnctgnan | aatttgngna | cannngnct | 420 |
| nncctntgat | ntatctgntn | ttatccaang | gttcnaatnn | tgtncctntt | natncentat | 480 |
| tccctnnaat | ttttnttgna | acnnnccenn | natttctntna | tngncccttt | tcttntntna | 540 |
| cncctntnac | cntttatttn | tnnaannccc | nttttctnnnn | ncaatnctng | ntcntnaant | 600 |
| cntnnncttn | tnnttnnctt | ttannccctt | tnncctttnc | ccccnnnnnn | ttaanacntc | 660 |
| ctncttattt | anntctntcc | tnntttcttc | tccnntttct | ttactnntn | nnncttccac | 720 |
| ttctttacct | tatatacntt | aanntctctn | tngtattnta | aactcnttnt | atcttncctt | 780 |
| ntctnctaaa | tncatcctca | natnnttagn | nnctcaacct | | | 820 |

<210> 4186
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 4186

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| nnnnntttnc | nccentttgc | aaacccttgc | ttctnctttc | naattggctt | ggatcgattc | 60 |
| ggggaattct | ctgccttttg | gggaacagtt | acagaggacc | tnntaaaccc | ttgtttngtg | 120 |
| ccaggccccc | agaccacaga | gataacctgg | gaccaggct | ctgcccattg | ggagctccca | 180 |
| gccctgtgag | gaagacaggc | catcctcacc | cagcacatcc | tactgtaccc | gaagagaggg | 240 |
| cgcagtgact | cattttttgc | cgttggcatt | aggtttaaaa | gatggttgaa | cgtccacaga | 300 |
| agggaaaagg | attcctggca | nagggccctg | cctgagcata | ggcagggagg | ctgagcagcc | 360 |
| acgtgtgctt | gagcgctggt | ttgncgaggc | agcaagcggc | ggctgtatgg | tgttgctgca | 420 |
| gctgtatggt | gaaaggggtg | tgaaagctga | nccaggaatc | aaggctgctg | gccacagacg | 480 |
| cattgatgat | ggatgacgtg | ctggtggggc | tgacacctga | aaaaaaaang | tgtcaagttc | 540 |
| caaaacaang | gcctggcata | caagtanggn | ccacaaggga | gaagcatgag | ggaaatggct | 600 |
| tngeccgcct | ggggnctcct | ggganaantn | ancaattntt | cngnatgnnn | aagggnncnaa | 660 |
| tnnnnanaac | nnnnnnccnn | nncnntnnnn | annnnnnnnn | cnaaannncn | nnnnanncnn | 720 |
| annntnnnt | naanattnnn | nnntnnnnnn | nnnnntnnan | aannncnnna | annnnncnct | 780 |
| anctnnnnnn | nannnnccnt | tnnctnnnnn | anaanngnnn | ntnnnnnnnn | nnnaannnac | 840 |
| ccccnc | | | | | | 847 |

<210> 4187
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

<400> 4187

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| cgcttggttt | gagcnnctna | anccttccca | tgcgatncca | attcggcacg | agggacagt | 60 |
| ggcctggccc | gtggagctgc | cacgcaggtg | cctgagggcn | nngtgccacg | caggtgtctg | 120 |
| aggaccaggt | gccacgcagg | tgggtggggg | acagacaaga | tgctgggatg | tccctgccc | 180 |
| catggtcaag | ggtgtcctgc | ctgcctgggt | ccagggcctg | agggagccac | atggatcccc | 240 |
| agacttggtg | tctcttgctg | aaaacactga | ggtgctccca | tctgtgcgtg | gccccatgagc | 300 |
| tgggatggtc | ctncagcttg | cccacaaggt | ccgncctct | gtctcttgca | ccaacctgtt | 360 |
| tgcataaaca | cactttgcta | caatcttgct | agtgcgtttt | cttaaaagat | aatctattta | 420 |
| ctgtaaaaaa | ttaattggac | tttgcaaaag | cttttagaag | gaaaagaaag | aggattaaag | 480 |
| agaattgctg | gtgaaaaaaa | aaaattccat | aaaaaaaaaa | aactgggaan | ccttttagaa | 540 |
| cttntagttg | aggtccgtan | ttaccttaag | ntnccaagac | cntggaatta | nggaattcca | 600 |
| atttggtattg | aagtttttgg | gaccaaaaaac | cnacaancnt | tnggaaattg | ccaatttgaa | 660 |
| aaanaaaaaa | tggcctttta | aattttggng | gnaaaaaatt | tttgntggaa | atgcctttat | 720 |
| ttgggccttt | taaaatttgg | ggtaaacccc | aattttttta | aaagccttgg | caaattaaaa | 780 |
| nnccaagggt | ttaaacccaa | ccaaaccaan | ttgggcattt | tccatttttt | naatgggttt | 840 |
| tccanggggt | tccaaggggg | ggnaagggtt | ttttngaaa | ggnt | | 884 |

<210> 4188

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4188

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| tgtnnctttn | cnnctcnnc | cgaaatcnct | ttgnttctaa | ctttccta | tacctgggct | 60 |
| acttgcacta | tccntcgat | ncgcatagat | ggccnngtta | ctaanggtga | ntttccagcg | 120 |
| cggggggcac | gtggagtcac | tggaaacattt | gngcaatgct | ggtgggaatg | tcaaccgng | 180 |
| cnggcctctg | gaatangect | ggcnnntcct | gcnagagtta | ccntgtgacc | cagcaattcc | 240 |
| actcctagct | ccaccacacg | gantngaaag | cnaagacgca | nacagatgcc | tgngcnccaa | 300 |
| anttcacggc | agcatcctnc | gccatantgg | cancatccgt | cgtnacagcg | gcatcatcct | 360 |
| tcatcattac | ggcancatcc | gtcgtaacag | cggtacatc | acttcgccac | agnggcagca | 420 |
| tctgtngtca | cagnggcngc | anccttngcc | aaagcggcag | cntccttcgt | catagcggn | 480 |
| ncatnctttg | ccatanngc | naggtggaaa | ccctgnccat | ccactgaggc | ntncatanac | 540 |
| tanncatggn | cagtcacagg | cactggaanc | cangccgtng | aacggcgccn | acggtnanna | 600 |
| ggaatganac | cntgatgcnc | tggggccana | catactggct | anacanactt | ggagacatca | 660 |
| tgcttanttg | nannnccant | cacacttgc | nncggcgtna | tctgtctcac | gtgatncgac | 720 |
| ccgaatgggc | acttcaaattg | ggaanaaggg | ngatggcact | nccggtnncc | tnganagggg | 780 |
| n | | | | | | 781 |

<210> 4189

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4189

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tnnncttccn | nnctcnacng | aaancccttg | tattgccctt | tatgcaggat | ccctcgattc | 60 |
| gagcagctgc | atctaggggc | ccttggtgag | atttacactc | antnccgtgt | cgcccccg | 120 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tagcccagat | tcaaaaggtg | aacatctgtt | tgcagaatct | gattcatgag | aaggtgagtt | 180 |
| tattgttttc | agtttagact | tttgggaagt | tggactagag | aggggagttg | ttggggtcag | 240 |
| tgctggctta | acagaaaaca | cagcgaattt | ccccccagt | tctccccaag | tccactgaac | 300 |
| aaggctagtt | cctgcaccac | ccaggattca | aaggaaagac | gaaggagca | gaacttgtgg | 360 |
| cagcaacagg | taaacttcaa | gaaggagggc | aggagcccca | ccctacaggg | cttggganga | 420 |
| gcccagaggc | cccattctgt | tcttcttcca | ggagttgtca | aggcagcaga | aaggagtcac | 480 |
| ccagccaaag | gaggaagatg | gcttcaccgg | gctgcaccaa | ggggccaaga | agcccttacc | 540 |
| cogtgtctaa | acccttctct | cacttccctt | taagccttgg | tgaaaagaag | tcaagaaagc | 600 |
| cccaaggctt | ccttttttct | tggtttcttn | aacttcaacc | agcttaaaaa | aatgggcttt | 660 |
| ccagggtant | tggaagttca | attgaaantt | tcaanaccat | tggtttgggn | ggtaaaaagg | 720 |
| ttttcttcct | tnttggttnc | ctggaaaaaa | cctttcaatn | ctttcntttg | ggnggtcttc | 780 |
| antggctcnt | caaattcttt | cccccttnta | ttgaacattg | ccaaaaaac | cnancctttt | 840 |
| ttttttgnaa | a | | | | | 851 |

<210> 4190

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4190

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tnnnnttctaa | tantttggat | cttgtgtctt | tntgcaggat | cccatcgatt | cgaattcggc | 60 |
| acgagcccat | gtcccgcccg | ctcgtctgcc | tggctgcggg | gtgacacggg | gcttcgcctt | 120 |
| gggaaggggt | cgagggaagc | agtttagacg | ctgccgggcg | gcggctgccg | cgcggcacac | 180 |
| aatattttatt | taattgcccc | actaccactg | atgaagatat | attggagtga | ctgctgaaat | 240 |
| tgcttttttg | tttttaacca | gaggacagtc | catttgtttc | acttcttttt | gctttcttta | 300 |
| ctgctatgag | ctttactgaa | cggtcgaaaa | acttggaaaa | taaaatggac | atgctgtagt | 360 |
| cttgaacata | atttttttta | ggaaaactta | aagtgccaga | gtgaaagcca | gaatggcatc | 420 |
| cagagagagg | ctctttgaac | tttggatgct | ttattgtaca | aagaaagatc | cagattacct | 480 |
| gaagctgtgg | ttggacactt | ttgtttctag | ctatgaacaa | tttttagacg | ttgactttga | 540 |
| aaagctgcct | accagggtag | atgatatgcc | tccaggaata | tctctgcttc | ctgataatat | 600 |
| tctgcagggt | ctgaggatcc | acttctacag | tgtgttcaga | aaatggcaga | tgggttagan | 660 |
| gaacaacaca | agccttgtca | attttgcttg | caagttcttc | attattcttt | gcaggatatc | 720 |
| agtagaaaaa | ataaccttgt | t | | | | 741 |

<210> 4191

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 4191

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| ttggnnctng | ttctttttgc | aggatcccat | cgattcgnac | cgncnggccca | gctgncagg | 60 |
| nacaggggct | gtaggcccag | ctcanaccac | ttnggagctn | tggctntntt | caaaaacatt | 120 |
| gtngactctc | ttaccacac | attcctnngc | tgggaagggga | gattgacaaa | ccagcatcat | 180 |
| ctctangtta | ctacaaaagc | cctcnctgg | aattattctt | aactnancag | ctggttagcga | 240 |
| tccattcnga | aaaagagtac | nntagactga | gttncctctg | tgntnaaann | nctgaanagc | 300 |
| ctnctaantn | tacctancgn | aaaacctana | nncctttnc | tggcctgcta | ngccctgcgc | 360 |

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| cctntggccc | atcntntacg | accacctnta | ctactgcctt | tctgtnaggg | ctntggggccc | 420 |
| aaacctgtnc | ctatnaatcc | agatggcctg | aattanctga | acaatgacan | angatgnnaa | 480 |
| aatggcctga | tncctgcctta | gctgatgaca | ttaccttgna | aaancncttc | tccctggctca | 540 |
| tccnggctca | aaagctnncc | anctgagcac | tgggacctaa | acccctgtcn | nccagaggaa | 600 |
| nnaccncta | tgactgtaat | tatccatacc | taacccgatc | ctataaanatg | gcccggccnt | 660 |
| tctccnntcg | ctganctttt | cggacnnanc | ccgctgaccc | aagtgaataa | aacagcnngt | 720 |
| tgntcacact | | | | | | 730 |

<210> 4192

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4192

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| ttggnnctng | ttctttttgc | aggatcccat | cgattcgnac | cgncngggcca | gctgncaggn | 60 |
| nacaggggct | gtaggcccag | ctcanaccac | ttnggagctn | tggctntntt | caaaaacatt | 120 |
| gtngactctc | ttaccacac | attcctnngc | tgggaagggga | gattgacaaa | ccagcatcat | 180 |
| ctctangtta | ctacaaaagc | cctcnctggg | aattattctt | aactnancag | ctggtagcga | 240 |
| tccattcnga | aaaagagtag | nntagactga | gttncctctg | tgntnaaann | nctgaanage | 300 |
| ctnctaantn | tacctancgn | aaaacctana | nnccttttnc | tggcctgcta | ngccctgcgc | 360 |
| cctntggccc | atcntntacg | accacctnta | ctactgcctt | tctgtnaggg | ctntggggccc | 420 |
| aaacctgtnc | ctatnaatcc | agatggcctg | aattanctga | acaatgacan | angatgnnaa | 480 |
| aatggcctga | tncctgcctta | gctgatgaca | ttaccttgna | aaancncttc | tccctggctca | 540 |
| tccnggctca | aaagctnncc | anctgagcac | tgggacctaa | acccctgtcn | nccagaggaa | 600 |
| nnaccncta | tgactgtaat | tatccatacc | taacccgatc | ctataaanatg | gcccggccnt | 660 |
| tctccnntcg | ctganctttt | cggacnnanc | ccgctgaccc | aagtgaataa | aacagcnngt | 720 |
| tgntcacact | | | | | | 730 |

<210> 4193

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4193

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|-----|
| gtnncnnttt | ctaattgcctt | ggnnntnncc | ttctaattgt | tggctcttgt | tctttntgca | 60 |
| ggnatcccat | cgattcgaat | tccgcacgag | cctagttatg | ctataatcaa | gcaggaaatg | 120 |
| tttatggaa | ggaaagatta | aggaaaaggt | atgttcttat | tttagcaata | aaacgaatac | 180 |
| cagaagcttt | aacattcacc | agtacaaata | aatagtttca | atggaatagg | tcgaaagtaa | 240 |
| agggacatca | ctagagtaaa | tgctagacct | tccctctcct | tttattttta | gcaacagcaa | 300 |
| agcagaaact | aagatctaca | agtgatcaaa | gaggggtgatc | cattcagttt | ctgtgtagac | 360 |
| aggaataata | ataatacctt | ttacatattg | gtacagtttg | taaaaacact | ttcacttact | 420 |
| catttaattct | tcatagcaac | ttgatgaggt | agaatactat | aggaagcagt | attagctcag | 480 |
| gttggtacgt | aaattactgt | gtttaaattt | caataaaaca | gctatggaat | ccaagacatt | 540 |
| cttggcgcc | aataaaactgt | attctttgcc | aacagtgaat | gtgcttctct | gttgcttggt | 600 |
| aagttttttc | cccttagaat | actaataaag | taattgatta | acttttcattt | ttattttgat | 660 |
| ttgattggga | cagcaatttt | agcagtaaaa | aatgtcacct | ttataaatcc | tgtgggtttct | 720 |

ggctcttggn c aagttaaatt caacctgacc aggaaggcac gctttaattc ttat

774

<210> 4194
 <211> 771
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4194
 gnaacntttt gnaaaancctt ngttctaann gctgggntcn nttggtnctt gcacgatccc 60
 ntcgntncga attcggcacg aggtcagatg ttcttggnnt acgttgagct ncantgaagt 120
 gagaggggca nagggggctt gggaagtcac aaggtcangg agaggagaag aagcgtgctg 180
 gatgagtcac actgnaggac tcaagccagt aggttcttgg tagcccgntt actgacctgg 240
 agccangcac tgatagcaac gtgtntctctg aggggaaggcn aatggnaaat ccaagcangc 300
 actgggatct gcctgtgaca ctcttgtggg gcctggaccc tcnncctaag ngagcttggg 360
 ccantcagag ccaccccgag ngccccctncc ttatcttcca ttgtggcang cacaggaaca 420
 ttgtgatacc canaaaatgg actcctgtct tgtgcacagg atgcacctgn gtttctatc 480
 ttncattcct gaganctntn nagccaggag gacctgantt gaatcctgac tttgccnata 540
 tnaatgacta tgtggctgtn ggtaacttac ttatnctaca tgagactact tgtttcatct 600
 gccggaaaan gtaccatann atctgccttg cctttattga cttnaggata aatcaagtcn 660
 gntantaaag ggaaanntnt gttncacttg aaaaatcaat taatgggtca ttgttccctc 720
 ntttaaaann gaaatacaaa ngcttcngcc tttagaacnn tnntggagnn c 771

<210> 4195
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4195
 ttccttcaat ngntgggaac tngttctttc cgcaggatcc catngattcg aattcggcac 60
 gaggatgcat gaattactgc attaaaattg atttatggga attattgttg tttcagtagc 120
 atttcaattc agttgccaaa tagagcagtg ggcaatgtta acggaaacaa ctgcaattgg 180
 cgcagtatgg agtgcctatc gcactaggaa atctgagggt cacaaaagaa aggagatgtg 240
 aggataagaa actttgtttt tcccttggtg ggaactcttt aggcctcggc ttctggtgac 300
 agccccaggg atcatcaggc ccggaggaaa tgtgactatt ggggtggagc ttctggaaca 360
 ctgcccctca caggtgactg tgaaggcgga gctgctcaag acagcatcaa acctcactgt 420
 ctctgtcctg gaagcagaag gagtctttga aaaaggtaag ataaacagca taaagtctta 480
 cccttctgca gtaataactg gaatatgtta ataaggatcat gtgttangta gtatagcaga 540
 gaaaccccaa atttgcagta tcttacctaa tatactttta attctcactc atgtaaagtc 600
 ctagatgggtg tcctgggatgc tcttccaagt gccagattca gagaccagc ttccttccat 660
 tttgnggctc cattatcatc acttggctnc caagactgca ggggaagatc atggatttct 720
 tcatgggana angggaagag gatn 744

<210> 4196
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 4196

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| tntnnttccct | aatngntggg | ctacttggtc | tttctgcagg | tatcccatgc | gattcgggtt | 60 |
| ccaaggattc | tattgccatg | tggtgaggag | taggagcaag | gagatagagc | aggaccaatg | 120 |
| ttacaataag | aaccactat | taacccccaa | gaatctgtct | tgtgagggag | ataaatagtt | 180 |
| atcatacatg | cgataagtcc | cacaccagca | catgaaaaga | ttagaagaac | aagagaaggg | 240 |
| aagaaacctg | ctgacctgtt | tcagggtggg | atgcttcata | aagaggataa | cagttaagcc | 300 |
| actaacagta | atgcctctaa | tcttgaatct | gttacctact | agttttgtgt | ccctgggcag | 360 |
| gtaacttcat | gtttccttgc | atcagcttac | ctttaaaatg | agaataatga | taattatcta | 420 |
| acagggtcct | tactgaggat | tctgtgagat | aatgcatgga | aagagcttaa | gtccatgcc | 480 |
| aggaaatact | aagtgtcaa | agtaaagcat | ttttttttcc | ttttttatta | cctagtccca | 540 |
| caagagcaat | ttttttatat | caagattagc | tttaaattca | gaaggaaagg | gaatacttga | 600 |
| atggctcatt | gccagtaacc | ttatattgat | gccatgtttt | gactttgaga | cattttttgg | 660 |
| agtctttttt | aatggnaata | cagggtttctg | gtggaaacca | cccttggtgt | caaaaagttt | 720 |
| cnntgacctt | gtgtgtgtgt | ggnggggtgt | acacatgtgt | cct | | 763 |

<210> 4197
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 4197

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ntntttnnnn | nnctnnttgg | aaacccttna | aggaaanacn | tgcccttcg | caactncagg | 60 |
| ancccatcga | ttcgaattcg | gcacgaggag | gcaggcaggg | cntttgggtc | ccttgttcag | 120 |
| ctgttatggg | gcttaggcca | tgctcagtgc | tggggacagg | agttttgccc | aacgcagtgt | 180 |
| cataaactgg | gttcattggc | ttaccattg | ggtgtgcgct | cactgcttgg | gaagtgcagg | 240 |
| gggtcctggg | cacattgcca | gctgggtgct | gagcatngan | tcactgatct | cttgtgatgg | 300 |
| ggccaatgag | tcaattgaat | tcatgggcca | aacagggtccc | atcctcttca | tgacagctgn | 360 |
| gagctcctta | ctgtgggaga | gctgcaggga | gccaaggagg | gctgcctgac | acacttgccg | 420 |
| ctctcgtgtg | aatccaagaa | actgcnttnc | tcaaaggggc | cctggtngtc | accttctncc | 480 |
| acagccattt | ccaccatcg | nntgtctaga | atctctttca | ttagcacatt | ccaaccctc | 540 |
| tgacactnng | tttaaaaatg | agctccctgg | ctcantgggg | ccttntagaa | tctggaacca | 600 |
| gacggaggtg | gaagttaaga | agataggaca | gaacaagcag | gcccagagng | ctatgggttc | 660 |
| actggggana | gaccattaat | tctncagatg | cttttactcc | tgatggcttt | taccattat | 720 |
| tcttttcngt | tttaagagac | atgggctnac | tcttgnacc | aagctgggaa | tgct | 774 |

<210> 4198
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 4198

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| ntnttttnnnn | nnctnnttgg | aaacccttna | aggaaanacn | tggcccttcg | caactncagg | 60 |
| ancccatcga | ttcgaattcg | gcacgaggag | gcaggcaggg | cntttgggtc | ccttggtcag | 120 |
| ctgttatggg | gcttaggcca | tgctcagtcg | tggggacagg | agttttgccc | aacgcagtg | 180 |
| cataaactgg | gttcatgggc | ttaccattg | ggtgtgcgct | caactgcttg | gaagtgcagg | 240 |
| gggtcctggg | cacattgcca | gctgggtgct | gagcatngan | tcactgatct | cttgtgatgg | 300 |
| ggccaatgag | tcaattgaat | tcatggggcca | aacagggtccc | atcctcttca | tgacagctgn | 360 |
| gagctcctta | ctgtgggaga | gctgcaggga | gccaaaggagg | gctgcctgac | acacttgccg | 420 |
| ctctcgtgtg | aatccaagaa | actgcnttnc | tcaaaggggc | cctggtngtc | accttctncc | 480 |
| acagccattt | ccacccatcg | nntgtctaga | atctctttca | ttagcacatt | ccaaccctc | 540 |
| tgacactnng | tttaaaaaatg | agctccctgg | ctcantgggg | ccttntagaa | tctggaacca | 600 |
| gacggagggtg | gaagttaaga | agataggaca | gaacaagcag | gcccagagng | ctatgggttc | 660 |
| actggggana | gaccattaat | tctncagatg | cttttactcc | tgatggcttt | taccattat | 720 |
| tcttttcngt | tttaagagac | atgggctnac | tcttgnnaac | aagctgggaa | tgct | 774 |

<210> 4199

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|------|
| tcccttttnaa | ctccttgaat | cccttgaatt | ncttatccca | tcgattcgct | gatctccaga | 60 |
| cccataaggg | agatgctgag | tagacaactg | gggctttttt | ggctctggagt | tcagaggaga | 120 |
| gategggaag | gtgtccattt | ggagtcattc | acgcagagat | gtgtgaaggc | tgctcaatga | 180 |
| ttttgaggtt | taaagaaaaa | aagagatgtg | aaaccagggg | ccctgatgag | gctgcccagg | 240 |
| tggttaaggaa | gacagaagag | aagccatggg | acagctgagc | ccgggcaccc | tcaagccttg | 300 |
| gaggcatgaa | gnttggtggg | gatctgncnn | naaacacctg | nnanctgtca | gngggccanc | 360 |
| anaccctnta | gtntcaenga | nnnnntncnn | nangcaaaat | ggncntntna | anatctcngn | 420 |
| ttatntaccc | ntngnagtca | ngnnngacta | cntnanaaca | tncnratatg | naaanntatt | 480 |
| tcgngcact | cngnctttta | ccanntctgt | nctttncnct | gggtacatgn | tcggnnatntt | 540 |
| tncnnggaaa | anattaattg | gctnttttnt | nnanctnngn | ngaactgtaa | anttnnaccc | 600 |
| ttcnacannn | aannttttnt | ctcnggggct | ncttncaatn | nacntaatan | ggncacagnn | 660 |
| nannctnanc | anatnannaa | acccttannt | atannaencl | nnnannaaan | anttannngn | 720 |
| nntntacncc | cananctntc | tncnnaaaaa | tnggnnncc | tenttcnnna | aaancntcat | 780 |
| nnntnantnt | atanannggc | ncatttnact | ctnnccctat | aanantcnnt | ngnnntcccc | 840 |
| annaaatctg | gggnaacaan | ctttgnnntc | aaannannnc | tctnctnnnc | nctcacanac | 900 |
| gncanttnnt | ncaannngnc | acttacnnna | antntntcta | ntatatctnn | cnngnnntcnn | 960 |
| nmatntnngn | cntntctna | ancnttttta | tttnnanana | nnaacnttan | anccctatn | 1020 |
| ncttntteta | naagcancnc | naacaanttn | tcnngnclnt | cctnnncc | | 1068 |

<210> 4200

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4200

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| tnnnnttnnn | nnnctcttca | aatccttggt | ctgcctttct | gcaggatccc | tcgattcgaa | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| ttcggcacga | ggctgtcggg | cctcagcaga | gctgcctacn | cacctgagct | ccgattcatg | 120 |
| tactacgtcg | atggcagggg | ccctgatggg | ggcttttcgtc | aagtcaaaga | agctgtcatg | 180 |
| cgttatctgc | agacactcag | ttgacacttg | ttatatcatg | ggaccccggg | aattggagtg | 240 |
| aagctagaaa | cagaaaaccc | atgcagggcc | tcggattccc | acaaatgtga | caagagggtat | 300 |
| agggagtgag | tcgcagcgct | ttgctcgtga | ccctggggatc | agagcaccca | tcaggcttcc | 360 |
| attactgtgg | gtccccctaag | aagaccatgg | agagcttggg | gactccccca | ggaaggccgt | 420 |
| gaagctgggg | attcccccta | ggaaagccat | gaggaactgg | ggactccccca | agaaggccat | 480 |
| gaggaagcca | gaaattggag | gtggtaggaa | gtggtactga | tcaatgatgg | ccagcaggac | 540 |
| tcatctcctg | cctaactgga | caggaagcct | gcacccactt | ctgtcttncc | ctggaactgg | 600 |
| gcactggcgt | acactgggtat | ccctcctaaa | gaagtgcactc | acctgactga | tcagcaagaa | 660 |
| gcctanatgc | aggcctacca | tggatggctt | cctagttgcc | tggggaaacc | ctggaatggc | 720 |
| atcaggagaa | agcaccagga | atccagtcct | tcnct | | | 755 |

<210> 4201

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4201

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| naataccagc | tacttgttct | ttttgcagga | tcccatcgat | tcgaattcgg | cacgagaagg | 60 |
| ccttaggctt | tttttttcta | gggtgagagt | gggggagaga | tctcttgctc | tggtgcccag | 120 |
| gctggtctcc | agctcctggc | ctccggcagt | cctcccacct | cagcctccca | gagtactagg | 180 |
| attatgggca | tgagccacca | cacctagcca | ggctttttat | attgagttgg | ttatatatgc | 240 |
| ttcatagcca | cactttataa | tattggagta | tagtattaaa | ttacagcttg | ttgtcaagtc | 300 |
| agtgtttctg | taagacagta | tatccaatat | tgggttagagt | aacacctatt | tggtgataca | 360 |
| gatcaacagg | gtgtctctga | ttaatttagc | tcctacatag | ccagaagcaa | gttcattatg | 420 |
| atttagaata | ttgtacatgg | ttatgcagga | atcatcccaa | cctatctgtg | tttataggtc | 480 |
| agatgatgtt | cagttttatat | ctgctgatag | tgtatatgca | ggaaaaccta | taaaaccact | 540 |
| tcagacttgt | taaaacagtg | agaaagccgt | gattgaaata | ttaatacaac | ccgtgtggta | 600 |
| taaatttcat | ttacantggg | aatgtaaatg | ctgtcatttg | aatcttgnca | aagcctgcta | 660 |
| ctaaaactct | taaaancctt | gctaggggaa | taagtcttta | ntnccaaaaa | caatatanan | 720 |
| ggggatgtgn | gtggataata | caaggacaac | catatgttgg | tggcnt | | 766 |

<210> 4202

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4202

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggnnnnnnn | gggaacattn | cncnanatgn | actcnttgca | aacgccccnn | aatgcaggat | 60 |
| cccacgatt | cgctgaaacg | gaaacctttc | gcaaagcctg | tgcaggcaga | ggattttaca | 120 |
| cacatccttg | acgtggcact | gtgtcttcag | gggtgctgcc | ctcttacaga | gagacagatc | 180 |
| tggaggccat | ggccgttttg | gtgagaaatg | ccagaaacag | cttcagtttc | cacctactgc | 240 |
| ttcatattta | taatcacagt | aatctatttc | tcgnttngct | atttctagag | caacaaattg | 300 |
| tgtgatgcga | aattagtacc | agaggaacaa | tgactccact | taacaaaaaa | atagcaaggg | 360 |
| aactatgaaa | aatggcacia | ctgcttaact | ttaatagttg | aagtctttag | gagacttcag | 420 |

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| tagttgaaat | gacacagaaa | aatcctcaaa | ctaacatacc | tacatgaaac | tgagtttctc | 480 |
| aaagtaaccc | acatttatgg | aaatagaagt | ttgnnttgca | gaaacatcag | cncattttgt | 540 |
| aaggngtatg | tgatatttaa | anttgtgatg | cttngngaata | agggaaatggg | gctntaggtc | 600 |
| tgaggaaagg | ggagcattca | ttcaaactgg | gaggggggtt | tgcatTTTTa | aggctgctat | 660 |
| aagggcacga | acttgngnga | gacttggaac | ngntttccgn | atgnatnggg | gaccntctgg | 720 |
| tctaagccat | tgggggngnc | nggactttct | ccaanattct | ntccaaacnt | gnctctctta | 780 |
| atttctccga | a | | | | | 791 |

<210> 4203

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4203

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ggnnnnntgn | nnntttcnaa | tnctngctac | tcgtttctttt | tgcaggatcc | catcgattcg | 60 |
| aattcggcac | gagattacaa | caatatggat | agtagggagg | aggaaaacaa | gaggagaatg | 120 |
| ggatcaacag | aaggcatata | tggggagtgt | ctggatggct | ggaaaattcc | attttttgac | 180 |
| caagatgtgg | taaacacggg | gagtaaagtt | ataatttttt | ctcttactgt | gcttttaggt | 240 |
| tttgttgctt | tctgtctgta | tgctgtgttc | cacaataata | aaaatattta | aaaggcaaaa | 300 |
| aaaagtaaaa | taatgaatat | aaaattacac | tgaaactaca | tattctcata | gatagaattg | 360 |
| taattattag | agtttttgct | gaataaagtc | aaatagacta | ttatagtagt | tataaacgca | 420 |
| agttaaaatt | ttagggccgg | gcaaagtggc | tcacgcctgt | aatcccagca | ctttgggtgg | 480 |
| ctgaggcggg | tggatcacct | gaggtcaang | tgttcangac | cagcctggcc | aacatggtga | 540 |
| aagcncntat | ctactagaaa | atntaaaaaa | tttncctggt | ttttggnggn | ggggctcctt | 600 |
| taatcccaaa | ttactnnggg | gagggttttg | ggcaangaaa | aaatttnttt | caaactttgg | 660 |
| gnagccccca | ggtttnttan | ngggcccttn | naaatttttn | ccaattnccc | ctttcaagcn | 720 |
| tnnggggggaa | caaataatta | aaaaacncnc | tttttcaaan | ttngaaaaaa | aaaaaaaaaa | 780 |
| naaaaatttg | gnnccttttt | aaattttngg | gggggggggaa | ttttnnngaa | aaccccccaa | 840 |
| tnnt | | | | | | 844 |

<210> 4204

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4204

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| aaaacnacag | gctactngtt | ctttttgcag | ggatcccatc | gattcgaatt | cggcacgagg | 60 |
| aaagttgaaa | tcctagttcc | tggagtccct | tgtgatggca | aattctgcct | tccttgtttc | 120 |
| ttcttttttt | ctcctctgtt | ttccattttt | agtagttcaa | atggtttttg | tattattgaa | 180 |
| gacaggatatg | tctcaaatcc | atggaactca | caaaaaaggc | tcattttcta | tcctcaagga | 240 |
| gctttacatc | taatggaaaa | cacacagtga | agtcacagaag | gactcactgt | ggactggtag | 300 |
| caccatgagg | gctttccatg | aagaaggact | taagccagac | ttagcagggt | gggcagggtg | 360 |
| tgaaaggagc | tcatagattg | ttccaagtta | ggagagcatc | ataaaaagag | atggaaattt | 420 |
| acttgctaca | gttttagatt | tgctctgctc | atagcagaga | gtccatttca | gagcatatag | 480 |
| ggattgtcag | gacttaaaac | ctgctgtatt | tcttacttaa | gcacccctct | ccccagaatg | 540 |
| ataagagccc | ancctttggg | cttggaatgg | gagtagaatg | tgggtatact | gtctatcata | 600 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tganaaaatt | gcntngaacc | aacccccccn | cncccncaaa | tgcctgcatg | tnaaactggn | 660 |
| gaacactggg | taatatanat | ggattattat | caatgtcaac | ttcctggact | ggngaatttg | 720 |
| gcctataggt | ttnccaaaat | gtccccctga | aanaaaaggt | ttttgggggc | tttnttt | 777 |

<210> 4205
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| <400> 4205 | | | | | | |
| nnnnnnntnt | ttaagaccag | ctcttgttct | ttntgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgagagaa | gctccactgg | cacttttcta | ttcacaacta | ccgggtgcga | taaggcagtg | 120 |
| agggttatta | tgatacccoct | tttcacaggt | aaggaaacaa | ggctcanana | ggttcaacaa | 180 |
| cagagtcata | attcttcttg | ttggagaatt | cattttgnta | catttcattc | ccaccatctg | 240 |
| cagtaaggga | gaccatttaa | aataactat | cctgattttt | aaagagaagg | taacattaag | 300 |
| gccnnnaggt | tngggatntn | nccaanttca | ctntgggctt | ctggactccc | atgccaaca | 360 |
| gcctgcata | tgcanagtg | tccctcaaga | gcctagtgna | tgattctttt | ttngtgccan | 420 |
| ganacagact | gtggacctgg | agagggttng | ggggctggag | aantagagga | gggtgganttt | 480 |
| ctacaacagg | ggntattgng | ggggtantaa | gaccaatgac | tacataaggg | cctnctgttg | 540 |
| gtcttngncc | agaaaaatgc | gtcttttagcc | ttttaacgan | tgcngtttnc | ctccattana | 600 |
| taaccagntt | taagccacng | gtgttgngnt | gggcaccatt | ccannngctt | tngggcnat | 660 |
| ggtntnttaa | accnaagtcc | ccctcnatca | anngcttntt | taannanggg | ngcctttgan | 720 |
| ntntnttttc | tttctccag | nnngaangga | acntgttngg | gctnnntntg | cctttttggn | 780 |
| nnaaaaaatt | tttttttnc | gggttccnna | aaaancctng | ntnnnttn | | 828 |

<210> 4206
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(834)
 <223> n = A,T,C or G

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| <400> 4206 | | | | | | |
| tncaatncng | gctctngttc | tttttgcagg | atcccatcga | ttcgaattcg | gcacgagcgg | 60 |
| acctctagtg | cctgatgttc | actttcttca | ggctcctcaat | ttcctacatt | taagctgttc | 120 |
| ggttaaactt | ttccatattc | agcttgagat | caacctcctt | tacataactg | attatttttg | 180 |
| ccttgaggag | aaaagatgac | gctaaacaca | gcacacatgt | gtttattata | tggttggaat | 240 |
| gtggaattca | aagatgaaag | agacgtgagc | tgcatcacta | aaaaagaaac | atattacata | 300 |
| aatgcaatgc | tgatatcata | gataataaaa | ttaacactaa | ttttttgata | ttatcaatta | 360 |
| tgcagtccat | aatcagattt | gttttgtgct | tagaaatgac | tttttacagt | tggtttgttc | 420 |
| aaatccagat | cagataagtt | tcacacatta | aatctgttta | aaaaccaatt | tttaaaacag | 480 |
| acgactgtta | aaggggccaca | tggggaagct | ttatgggaatc | ttccaacaat | tttgtgtgcc | 540 |
| cagctacttg | ggaggctgag | gcaggaggat | cccttgagcc | caggagtcca | agactgggca | 600 |
| acacaaagaa | accccatctt | ttggctgggt | gcggtggctc | acacctgtaa | tcccagcact | 660 |
| ttgggagccc | gaagcaggcg | gatcatgagg | tcaggagtca | agaccagctt | ggccaacgtg | 720 |
| gtgaaacccc | gtnttcacta | aaaattcaaa | aattagctgg | ncatggtggc | gtgcgtctgt | 780 |
| aattcccagc | ttcttggaag | ggttgaggcn | naanaatctc | ttgaaatcca | gnat | 834 |

<210> 4207
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4207

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|
| ctaattctng | gctactngtt | ctttttgcag | gatccctcga | ttcgaattcg | gcacgaggac | 60 |
| accagtttta | agggacattc | tgtacgggtg | ctgaatggcg | ctcctgaaaa | ctgtgcaggt | 120 |
| cctcaatgct | gaggaaagcg | taaactgtcc | cagaccaggg | aggccaagga | ggcgcgatga | 180 |
| ctcaatgtca | tgtgggtgcc | tggatgggat | ccagggacgg | gaaaaggaca | cttgggaaaa | 240 |
| actggtgaag | ttcacgcaaa | gtgtccgggt | tagttcagca | tcagagacca | atgatggttt | 300 |
| cttggttgtg | acnaaaatgt | tccatgggtc | gaaaggtgtc | aacaccaagg | gaagctgggt | 360 |
| nagagggtta | ccagaatcct | ctctactgtc | ttttcagctt | ttcggtaaat | ccaaaagtac | 420 |
| tttcaaata | aaagttta | ttaaaaatga | gaagccacct | cccccacgag | atcatgaagc | 480 |
| tccatgaagg | ccaaggccat | gttaatgcca | aatgcatgtt | gggtgaattc | actcgtgttt | 540 |
| gggtgaattt | actgatgttg | gttgaattta | ctgatgttgg | ttcaatttta | ctggatgttg | 600 |
| ggtgaaatca | tttcatgttg | gttgggaattc | acttattact | gnggtntcta | ccatcttngt | 660 |
| tgcagccctc | ttcattcttt | ttttctnaat | ggncaacaa | ataantnggn | tgtantttaca | 720 |
| tatttattgg | gngtntaaat | ggnggataat | ttaatattnt | gttttttaaat | gnnggnatna | 780 |
| at | | | | | | 782 |

<210> 4208
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4208

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| atnnnnnnntt | tctaatacnn | ggctactngt | tctttntgca | ggatcccatc | gattcgaatt | 60 |
| cggcagcagc | aaataagtta | aatgtatatg | gcattggatt | ggaattggag | gtatcagtgt | 120 |
| gaactcatgg | ttttgggttt | tttggttttt | gccttttttg | ttttgttttt | gttttttgag | 180 |
| gcaggggtgc | actctgttgc | ccaggctgga | ngaaatactc | annaacgana | cncatnngtg | 240 |
| tatcanaagc | tgctacgcnt | ntcatggntt | tggtanngan | cnacacagat | agtcntnntg | 300 |
| tattcancga | cttanmctan | anagagacag | natgggaatt | aantgttaan | gtgctagcca | 360 |
| acaagtaaa | attcncataa | aacaanggtt | atatnccag | tcataaaagt | gataaatttt | 420 |
| ccctgctaac | tttagattaa | aaagtanttt | ttangccann | ttgtgngngg | ctcacacctt | 480 |
| ttntccctn | cactttttng | caggcntnan | ggttngacna | natccccctt | nacnnttcan | 540 |
| gaantnttcn | nnnaccctcc | ccttgggcna | nncantggnt | cgnaaacccc | ccatcntttt | 600 |
| tcncaaaaa | aattcccaaa | ntttcgcnge | caccgggnnt | ngnnntnccg | tggtancnt | 660 |
| gattnttttc | ncncttccan | ccggnnnggn | cncnacngcc | ananaaaaaa | ccttcnttnt | 720 |
| ancctnngnn | gaggccnenn | gtttcncnat | ngnncccnna | aaattggggg | cttttagnan | 780 |
| ctcnttacc | ctngccnnnc | nganttnaan | cnattctttt | aaataaaaaa | accctoctta | 840 |
| ancttattat | ngagtccgta | tttncntanc | aaccntacn | tc | | 882 |

<210> 4209
 <211> 881
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4209

```

nngnntnntn ntttctaacy ttggctctcg ttcttttttgc aggatcccat cgattcgaat      60
tcggcacgag agaaagattt tctttattaa tgaccccaac cgtatttctt tagatacagg      120
agttttgaac tcaaatactt aggagaaaac aagttatgac tgcattatcc tgcaactcat      180
taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaaggggaagt      240
gagggaggga agataaagaa aaggaattaa gttgatcaag tgggaattctt tttttttttt      300
taattcttgg gaactatgaa gtctttgcaa gcacagctcg tttctgcaga ttattttcca      360
aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat      420
taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttcctcc      480
tcttattccc aagattagcg ggatgaaaac gtcttccccg tgattgtttt catttctttt      540
ttctcggcat ctgggcgtgc gcggttcagc accttgagga agtcagacgt ttctgccccg      600
atcgtgtgtg aatataggcc ttagagcact tgatgtggta gtgcaggtag tcccggaacg      660
tgtggatcag gttgatgggt tttgtctcga gcnncnnnnn tnnntnntnn nntnnnnntn      720
nnnnnnntnn nctcnntnnn ntnnnnnct tncctnctc tnnctcnnct cnetcnetnn      780
tctnnnnnn nntnntttct nnnnnntttt ntnnnctctn nnnnnnnnch ntntcnnnnn      840
nnnnnttnnn nncctttttn nnetnnnnnn ncnctcnnc t                                881

```

<210> 4210

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4210

```

ggnnnnnnnt nnnnttttaag atcagctatt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gatcacatct ctcaagtttt aaaatgggtt tttttgttgt tgttgatggg      120
ggggagaggg tccagcagct tttaaagtgt ttcacatcgt gtgttcctaa aataactggg      180
tagcctaagt cacttccacc ctccaatgtt gtgaatgcag tctctagcat tcgctattta      240
atgtcttctt cctgcactat ttgagaaatc gcgaggctga cttaataccg cagtcgccac      300
ttcncggacc ggagggcgga gtctgcttag ttctgaggac tgcgtgggtc cgcgagaga      360
gtctctgcta ggctgcgcg tcccgttcta aattcttacc cttagttct tgtcaccacc      420
cccgcgtgg gaacggcctg acagtcactc gtcaaaggaa gtggctgccg gcagctcttg      480
accgggaatc ggatcctagt cccacccct ncgnccaggc tttcttctgc aacaggcgtg      540
ggtcacgctc tcgctcggtc tttctgcgc catcttggtt ccccgttccc ttgcacaaaa      600
tgccccgnga aaccacagaa accgctccct gctacagagc angagttgcc ganccccagc      660
tgagacaggg tctggacaaa atctgacant gatgaatcnt ccagagctt gaagaacagg      720
atttcacca gcaccacaca acaagcccag ctggcggcag cagcttgaaa tcnatgaaga      780
ccatc                                             785

```

<210> 4211

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(839)
 <223> n = A,T,C or G

<400> 4211

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| tnngctnnnt | tggtanact | ngnntttcta | atncttggcn | atcgnantnt | ntgcaggacc | 60 |
| catcgattcg | aattcggcac | gagccgacta | cttgtgcagt | ttgccctgct | gagccctcct | 120 |
| cgccccggga | ggcagaaggg | gaggggtcct | cagcaatatg | ctgagcacct | cctaaacaac | 180 |
| atcacctgaa | aaangaacct | agangaganc | cattctcaaa | tctgacccctg | gactgagctc | 240 |
| gagagctggg | ttgagagctg | ggttgatcaa | agttgggatt | ttgctattat | tgtgacaaag | 300 |
| ggtccagcct | tgcagtccan | atcctgaaag | gcctgggaca | aggccaggta | atgtggggag | 360 |
| tcctcctgc | atgtgtgcag | gatgttcagc | ggcaccctg | gccaccact | atgatgcccg | 420 |
| cagcaaaccc | ctcagttggg | acatttaaaa | atgtctccag | acnttaccaa | atgggacagc | 480 |
| attgnaccca | tttganaagc | accggttgag | agcaaatnca | caaatntnta | aaatgggaga | 540 |
| tttgggcccgt | gngngngcaa | gcctgtagtc | caatntcntn | ggaggccaag | gctggggagga | 600 |
| tcnttttnatc | cccaggaggt | anccttcccg | nnnggcgaat | aactgcacca | ntgaactncc | 660 |
| atattgaatt | gaacagaanc | ccangacnct | ttnttttttt | aaaaaaaaat | atntntntaa | 720 |
| naaaanaaaa | cttngnnncn | ttnttaaaaa | nttttatngg | gangtnggtn | ttaccgttga | 780 |
| ancccccn | ttgaaaaana | aancatttgg | tttaagnttt | gggccnaaac | ccacancnt | 839 |

<210> 4212
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 4212

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ggnnnnnnngg | nnntttcnat | nnnagetctn | gttctttttg | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | gagtttaaaa | atacttcttt | gtaaaagtta | ttgcacaaag | aaaagacatg | 120 |
| aatgtgtccc | tggtatgtac | tcacaaggat | aatgatgggg | ttgttgctca | ttaatactgt | 180 |
| ttcttgtgca | ataactttta | caaagaagta | tttttaaact | gatcattaat | tttatgacca | 240 |
| cagaaatgag | atgcaaaatt | tatgctattg | tcagtggcac | aggctcacag | caccactgac | 300 |
| atgttgtgtg | attgtaatat | aatggctgcc | aactaatgat | tctgtagaca | tttcatttga | 360 |
| gtgtgctttt | cttttagatg | gtgattagct | gtaatgcttt | cacttatgtc | tgtaaattat | 420 |
| attggatatg | tttacctgat | gcctattgtt | gatttggagt | tcagttttgt | attacataaa | 480 |
| tgcaagtga | actttttttt | tttaatttat | agaagtcttt | gcaggtataa | ctacaaatac | 540 |
| tcagcccctg | gggaggaaaa | atgcttttgc | ctactcaaca | gtaaccctg | cgttcagtta | 600 |
| aaactcctta | taagacagca | gctttttact | tttattgggt | cgaaaaaaaa | aatanggggg | 660 |
| aggaaaangg | gatggaccat | cctgggacaa | tggttaagaat | gaagaanacc | atcctggaaa | 720 |
| aatgaggngt | ccttccctta | atgcaagggt | aaaaaggggc | tnntccttna | tatatagcaa | 780 |
| tatagaatct | ttgg | | | | | 794 |

<210> 4213
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 4213

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| nnnttaaganc | agctcttggt | ctttttgcag | gatcccatcg | attcgaattc | ggcacgagca | 60 |
| gagaggcagg | gataccagat | atggggaaat | ctgtaattac | atgcaggcat | taaataattta | 120 |
| aatatatatt | ttcttctttt | aattgtggta | aaacacatat | aacataaaat | ttatcgtctt | 180 |
| aaccattttt | aagtgtactg | ttttgtagt | ctgagtgtat | tacattatta | tacaaccaat | 240 |
| ttccagcacc | ttttcatctt | gcaaaaactaa | aactctttac | ctattaaaca | actactccct | 300 |
| gtttctccct | cctcccagtc | catgagaagc | accattttac | tatcttttct | gtgagtttga | 360 |
| ctctacaaac | ctcatgtaag | tggaattatg | caatatgttg | acaaaccaa | ttctgtacaa | 420 |
| tatttaaaga | ggtttagtct | gagccaaata | tgagcaacca | tggcctagga | cacagtctca | 480 |
| agaggctctg | agaatatgtg | atgtgcctta | ggtagtcagg | tcacagcttg | gttttgtcat | 540 |
| tttagggaga | cagaagttac | agacaaagac | atacatcaat | acccgtaagg | cacatgttgg | 600 |
| ttaagcctgt | ggaaagatag | gacatcttga | aaccaggcca | tcacatgtca | cangtggatt | 660 |
| caaagatttc | tgattgggtg | aaaatctttg | gttgggtgna | agaagttaag | ctttgnctaa | 720 |
| aggcttgga | gtcanggaga | aacaattgct | ttgagttaaa | ggtaangggg | gtgng | 775 |

<210> 4214

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4214

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| tnnnntttcn | aatactngct | atttgaactt | tatgcaggat | cccatcgatt | cgcaaaccgg | 60 |
| anatgggttn | tttttcgngg | ggnggggang | gaacanattt | gcattaacaa | ctactgngaa | 120 |
| ttntccatnc | aangataatc | tcncatgtcn | aanancccnt | ttnttaaata | nngaattggg | 180 |
| ttgggcttat | cagaatannt | ntttattaga | ggcttttttn | caaanntcac | nggttncacc | 240 |
| tgnaancccc | cataatnntn | tttttaancn | gctgntctan | ggatgagccc | canttanttn | 300 |
| ntgcaagnng | ggananacnn | nntgtgtnan | tncanatnnt | ntgctngaac | cngnncactn | 360 |
| nttcataact | agctngancc | catttcccgt | gnacttcggg | cgntnnannt | tnttangeccg | 420 |
| gccnnaacca | atgantaggt | gaaaaggacc | cncatgtnac | ccccangna | tanaccccat | 480 |
| atttccatga | antannacct | tnttctgtng | ggatgcccc | tccttagaanc | tntgggncat | 540 |
| gnngagnngna | agccctgagc | atttntntna | acatgcctac | ttactnncn | aanttgcnag | 600 |
| ggantgtgnc | ngtgccantc | catgaatggg | gtangggcga | gatccncgca | aacagcccan | 660 |
| ttgntaccca | tgagatatgg | aatnttccctn | nctatggcaa | antaatggcc | natttncaaa | 720 |
| nttgnggaca | aantgaaagg | acttgtgttg | ctnggcnnna | aaanagggng | gggggtgggg | 780 |
| natttttaan | aatcctt | | | | | 797 |

<210> 4215

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4215

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggnnnnnnng | nnngttcna | atgcttggca | atcgntntnt | nggggnncn | tcgagacgct | 60 |
| ggctccttta | tcagatatta | ctggatcatc | acctgtgnag | gctntntgtt | taatgatnnn | 120 |
| nancatttga | atggcaacag | ntgcgnatgn | atcctgccta | naancacn | tactcgntan | 180 |
| nnannttggt | gtgtgcntgc | ntctantnnn | chnatcctg | tgacacatc | ggaatttnan | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tagaancagt | acagnnnctt | angcagnata | aaccatcctg | nggnnanana | tgacacnctg | 300 |
| cnngacntat | tnnnnnncna | nnntnatggt | gntgggcncn | gnaaaggnc | tgaaacangt | 360 |
| cgtatgnncn | tnacanggca | ccnggcta | atgctactgt | gtnaacncag | gnnatgagct | 420 |
| gcagcnttgc | ctnncttacn | antgetcact | gggtgtgaag | gacctgcttg | tgagggttnt | 480 |
| gttngccttt | tnctggactn | annntaancc | ntacnaang | ccngcattgt | tcattaccan | 540 |
| tngccttntg | aantntnana | gnagatgnca | ttgggacnaa | tnngacagtn | taaanganna | 600 |
| ccgcttngat | ggagnggacn | ngaategttt | cttacntcan | ggggccactt | tattaanatg | 660 |
| ggngaacttn | ncacntnnng | ctcctangcn | cttccaaggt | naccttnggg | nnccnntggg | 720 |
| gaatttaa | aantncacaa | nggtggtctg | aaaatcttcn | nnggggactt | aattnaaaga | 780 |
| aattnatctg | gggttttccn | gggggttcac | ccangangtn | ttnaactttc | ncannccnna | 840 |
| nnttnt | | | | | | 846 |

<210> 4216

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4216

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| gngnnnnnnn | tttgnaacnt | tgctaagtct | ggctactcgt | tctttntgca | ggcatcccat | 60 |
| cgattcgaat | ttcggcacga | ggttgtacca | ataaagtttg | caacctacag | caatagccag | 120 |
| tcaataaagg | aatgatgct | gatgtagcat | ttatgagcct | taaaaaacaa | acaaaaaacc | 180 |
| ttaagatggt | aaattttattc | caaggattct | ttttttttgt | tgtacatgaa | tgttcatatc | 240 |
| aggtttattt | gtaatagcca | aaacagtata | cacctgaatg | cccaccaaca | agtgactaga | 300 |
| taagcaaagt | acggtacatg | gatatgatgg | actacctcag | agcaataaaa | aagaatggac | 360 |
| tattgataca | tgctacaaca | tggatgattc | tcaaaggga | gacgttgagt | tcagaaagca | 420 |
| agacaaaaaa | gtacattcta | tatgattcca | ttaatataaa | ggaatatatt | atattcaagg | 480 |
| aatagtatat | aaatataaag | gaatatttta | tattcaagga | atataaatga | atataaatga | 540 |
| tataaagcag | atcagtgatt | gccaggagat | gaggtggaga | agtagagagg | ggaggaaaga | 600 |
| agggtattact | aaaggacatg | aagaaacttt | tggggataat | gtttatgttc | actattttga | 660 |
| ttgggtgat | ggtttttacat | atgtatacat | atatcaaaat | gtatcaatct | ttatactatt | 720 |
| aaatatgtgc | agtttggttg | taagtcaatt | atacctcaat | gaaacctcat | taaaaattac | 780 |
| catattttgg | gggatctaaa | aaaaaaagnc | ttntagaact | tanntgagtc | gtnttccgtn | 840 |
| gattccagac | attgataant | | | | | 860 |

<210> 4217

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (714)

<223> n = A,T,C or G

<400> 4217

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnnnnnttgn | tcnaaagccn | ggnaaggaa | ctcttgnaac | ncccnngca | ggatcccatc | 60 |
| gattcggttt | tgccctttt | tagcctccca | gagcttcgag | gactcaattt | taaccgaaa | 120 |
| tcctgccgng | ggggaggggt | tgcgtcgaga | cctgggccc | gggaggttct | cctgcgtcac | 180 |
| tttctgtcct | gaaaggcgcc | cttcctggtt | tctgtggctc | caattttcta | tcagcccca | 240 |
| caccttctgt | tgttttgatc | ctgagaaata | aaagggaggc | tgaattattc | aaatttaa | 300 |
| gaggtttccc | cttcattgaa | gtgctgctga | cccttcgtgc | agaaatgggg | agcacttgag | 360 |

```

gacacaggtg ggtggaggcc ctttgtgcgt ggctggtcgt attcgggcag cctccgctcg 420
ctttttataa aactttngt gagaagaata tattgataat gtcagtgaag caagcagaca 480
ttgaaatgga ggcacagatt actccacaag gagttcttct gtatatattt tctagatgca 540
aatccnttta atatgnaatt aatgtaagnt ttctagctta tatcgaactg ggngnggcac 600
gggggacact gtactggata agntgggcan acatcctgag nncgaatgcc tgaccacgga 660
aaatatanaa tttattgctt taaaaaaaaa aaccacctna cangggcgna cnac 714

```

<210> 4218

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4218

```

gnnnnnnnnt ttnnaacttg caatcgctgg ctactngttc tttttgcagg atcccatcga 60
ttcgaattcg gcacgagaaa ggctagctat attagctggg gttcccccca aaagcaacat 120
tggaagaagg ctcattggga gatactttct tctggaaaat gatcccgtag gatattggta 180
gaaaaagaaa ttgggaccag aaagaatgaa acaggaaaaga aagaaagcct attgaaggat 240
ataaaatttc tgtaaacacac tggagcttag tccactgag gccccctgag gaactgcgca 300
gaatgtaaga cagaggagga aatatttagc caccagttcc tatctcccat tggccaactt 360
gatgctgagt tcaggagtgg tggctcacac ctgtaatctc agcatttttg gaggccaaagg 420
tggttgatc gcttgagcct cagagttcaa ggccagccta agcaacatag caagaccca 480
tctctacaaa agaaaaattt aaaaattggc tatggaagta tgaaggata tgctgtagt 540
tccagttact caagaggctg aagcaggagg attgcatgaa cccctgaact caagactgca 600
gtgaactata actgaacgat ggcaactgag cctgagcaac agagcaaaac tcttgtctca 660
aaaaaaaaaa aaaaaaactc gaggcctcta gaactatagt gagtcgtatt acgtagatcc 720
agacatgata agatccattg atgagtttgg acaaacacac actngaagtc agtgaaaaaa 780
atgctttatt tnggaaattt gnggatgcta ttgctttatt tngtaancnt ttttaagctg 840
caattaaac 849

```

<210> 4219

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4219

```

gnnnnnnnntn naaancagct ctngtttnna aaanantgct acttgttctt tttgcaggat 60
cccacgatt cgaattcggc acgagaacaa ctccctacgt cctgtgtggg gccctgccc 120
agtggatgag gcattccttg aggagtatca ttttcctga caatcccat cacttttagg 180
ggttcctgct ttggctcctt tccagctgaa aaactagacc tgtgccattg gggaagctgg 240
acaaagtcta gggggcccgcc ctggtagagg gtcccggaag gctggatctg tcagcctcgg 300
cctgaggcc cctgttaact caagactgtg agctgcctct aggtggtcac gtctgggagc 360
tagcttgat ggcttctgac cagtatcagg atttctgttc tgagagcagc gtgggcagcc 420
tctagaacta tagtgagtcg tattacgtag atccagacat gataagatac attgatgagt 480
ttggacaaac cacaactaga atgcagtga aaaaatgctt tatttgtgaa atttgtgatg 540
ctattgcttt atttgttaacc attataagct gcaataaaca agttaacaac aacaattgca 600
ttcattttat gtttcagggt cagggggagg tgtgggagg ttttttaatt cgcgggcccgc 660

```

ggcgccaatg cattggggccc ggtacccaac ttttgttncc nttaatgagg ggtaattgc 720
ccccttgggg gaaaanatgg gcatagnttg tttccttggg ggaaaatggg attcccttca 780
cnaattccac acac 794

<210> 4220

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4220

atanagctat tgttcttttt gcaggatccc atcgattcgc gcccttgcac gatggcagcc 60
gcactcctgc ccagagtggg gcctgggacc ccaacaaccc caacacgccg tcacgggtcaa 120
cccacaatac aaccgcgaga cgccaggagc gccggccatg tacaacacag accagttctc 180
tccctatgct gccccctccc cacaagggtc ctaccagccc agccccagcc ccagagctta 240
ccaccagggtg gcgccaagcc cagcaggcta ccagaatacc cactccccag ccagctacca 300
ccctacaccg tcgcccattg cctatcaggc tagccccagc ccgagccccg ttggctacag 360
tcctatgaca cctggagctc cctcccctgg tggctacaac ccacacacgc caggctcagg 420
catcgagcan aactccagcg actgggtaac cactgaantt cagggggaagg ngcgggacac 480
ntacctgnat acacaggggg gngggacaaa acaggtgtta tccnnnagtt gncacnggta 540
cngtgggggg ccaagngtgg gnggnntgaa acagntnttt tttttntttt gnttcccccc 600
ttaaatttgg ganaananna cccttttncc caaaaatggg nganaacccc aaaantnggg 660
caaaaaactt ggggatttgg gggaaaaccc ttaaangggg caagggggga gcntttnttg 720
aaaccccaaa ngngggggnt ntttacctg gatttaancg ggggaaatna agggangggc 780
tttccttttg ggaaagggan aaaattttgn gcccaaaaac cttgt 825

<210> 4221

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 4221

cgnnnnnttg ttgaaanagc naggtactn gttctttttg caggatccca tcgattcggt 60
ttcttgagc tactatgctg tccttccctat cactacctgt tggctgaggt agtgataggc 120
ctaaatgatt cattatctta aatgtactaa atatgttgag taattttttc ttctaaacta 180
acagaaagag agaacctagg agttactccc ttaggctggt taaagtgaag ggtagccaag 240
tcaaccacgc ttgtttcctt ctctcattag gaaagaacta ttgttcattc tcataacaca 300
ctttttccaa ttgcaaacat actcagggtt aaaatagttt agcacaaatt gcagcccatt 360
tcatttggtc ttcacaagct ggaacttttc ttgtaagcta aatattaaat ggttcaagta 420
aattggatac ataagcctga aactaggcgt ttctcattat acatagagta taaattaaga 480
cagacttttt catggtgaaa ggtttacagc ctttaaaaaca tctgggaaga agtgggaaag 540
tagggaataa ctctgttaaa tatgataaaa gacaaagcac caacaaaggc ctagttctaa 600
acttggtata atttctcatg ggggaagttg ngggttggtc caaggttatg ggcggtccca 660
agcaagttta ccaatatattt tttagaaata atnacctccc cagaaaatat ttttnaaaaa 720
taagggaccc tttcntttta atatggnaaa ananaanaan ananaannnn nnntnnnnnn 780
nnnnnnnnnn nnntnnnnnn nnnntntttt ctnnnnnct 819

<210> 4222
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4222

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| naataaccagc | tacttgttct | ttttgcagga | tcccatcgat | tcgaattcgg | cacgagaagg | 60 |
| ccttaggctt | tttttttgta | gggtgagagt | gggggagaga | tctcttgctc | tggtgccag | 120 |
| gctgggtccc | agctcctggc | ctccggcagt | cctcccacct | cagcctccca | gagtactagg | 180 |
| attatgggca | tgagccacca | cacctagcca | ggctttttat | attgagttgg | ttatatatgc | 240 |
| ttcatagcca | cactttataa | tattggagta | tagtattaaa | ttacagcttg | ttgtcaagtc | 300 |
| agtgtttctg | taagacagta | tatccaatat | tggttagagt | aacacctatt | tggtgataca | 360 |
| gatcaacagg | gtgtctctga | ttaatttagc | tcctacatag | ccagaagcaa | gttcattatg | 420 |
| attdagaata | ttgtacatgg | ttatgcagga | atcatcccaa | cctatctgtg | tttataggtc | 480 |
| agatgatgtt | cagtttatat | ctgctgatat | tgtatatgca | ggaaaacctt | taaaacct | 540 |
| tcagacttgt | taaaacagtg | agaaagccgt | gattgaaata | ttaatacaac | ccgtgtggta | 600 |
| taaatttcat | ttacantggg | aatgtaaatg | ctgtcatttg | aatcttgnca | aagcctgcta | 660 |
| ctaaaactct | taaaancctt | gctaggggaa | taagtcttta | ntnccaaaaa | caatatanan | 720 |
| ggggatgtgn | gtggataata | caaggacaac | catatgttgg | tggcnt | | 766 |

<210> 4223
 <211> 873
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(873)
 <223> n = A,T,C or G

<400> 4223

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gnagnntnnn | nntttgnaac | nctggctact | ngttcttttt | gcaggatccc | atcgattcgn | 60 |
| attntgaaca | agctgtntcg | tgtgtacagt | tgctgctgtg | attgagccag | cagtgccttg | 120 |
| ncctgccctg | canngtctgc | acagctccca | ctgcttctat | nngntgttgg | gcncgtgagg | 180 |
| catgacttgg | angggggcct | ggtgcctgag | gacctgctga | agagaatgct | caccaccagc | 240 |
| tctntgntnc | cctttctgct | ttggnaatca | acacgtgtnt | gcctgcagtg | gccnggaccg | 300 |
| tgactgtttc | tgcccttggt | cctagttaan | agccttcaaa | agcataatga | acactttnga | 360 |
| tatgatattg | gaactttagt | aaatgcttta | cttccctcta | attgcccnca | aatgccttaa | 420 |
| tnttgtggac | tgtttatttc | aacagggtga | agtgttgggc | ntgcgaaatc | ttggtnttcg | 480 |
| catttcaaga | aggagtgct | ttattanttc | ttctttctat | ggaacgtttc | aagtgattgg | 540 |
| atntaaagaa | gggctctgaa | gcaggagttn | ncacctgctc | tgagggaact | tggggctcca | 600 |
| gggacgtacc | ccaaatgtgc | gccagnttt | gaaactccct | gacagcctgn | tactacntag | 660 |
| tggtctcgag | ggtttncann | atgaagaaga | gttgtntccc | taaaagtggg | tgaaaccctg | 720 |
| tggttttcaa | agcaaaggta | ccnttgtcc | cancattntt | nncgnnaggt | aggggnctca | 780 |
| ttggaaaacn | tgtngggcaa | ncctgntggg | ttttgggtccc | ccctgntngt | nacaatnggg | 840 |
| accttntttt | gaacngtnng | gaangggcta | nnt | | | 873 |

<210> 4224
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 4224

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| caaancagct | ttcngacccc | ttcggaccca | togattcggt | gctctatgtg | atgtttatta | 60 |
| tcaaatacat | ataattttga | agattttaat | gaatgnntta | agattttatc | tttgtgtaga | 120 |
| atgtggctaa | agaaacctta | gttgagattc | aagaagttgg | tgtctgtttc | tgattcttat | 180 |
| cacaacttgc | tacttagtgt | ctaccaagtc | ctccacctct | ttgctcctca | aagagctgtg | 240 |
| aaaaatgatg | gcaggagccg | gtacaacacc | acagacttag | agaagggcac | agtgtgtgctt | 300 |
| tattgaatga | tctaccaagg | taaaattttg | ccgggtcaag | aaatagcaat | ttaatccatt | 360 |
| taaaggaatg | aatataattt | gaaacattaa | cttatttcaa | gactaacatc | tcaaagtgtt | 420 |
| gagacctttt | ttaaaagagc | tttctggatt | ttgagcatag | taaaataagg | cagncccatg | 480 |
| aagaatttgt | ggtttgngga | gtactgccta | aatgccaggg | taaaataagg | cagncccatg | 540 |
| ccttacctgc | cctgggctca | nggcctcaca | tccttttggg | acgcacatct | tttctcttct | 600 |
| cccttgntgc | gctctccgcg | agcatatacc | tcctagcccc | cagagcaaan | nnnnanaaaa | 660 |
| nnannngnnn | cnnnnannnn | tnnnnnccn | annnnnnnn | nnnnnnnn | naaaaaacnn | 720 |
| ngccttttaa | ananatnggg | gggncnnntt | nccgnnaacc | cccacnnngt | nanaan | 776 |

<210> 4225
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (869)
 <223> n = A,T,C or G

<400> 4225

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gagtnnnmnt | tttgnacct | tgctaattgt | ggctactcgn | tctntctgca | ggatcccatc | 60 |
| gattcgaatt | cggcacgaga | gcagattcag | tgctgatgag | agcctgcttc | ctgcttcata | 120 |
| gatgatagaa | gtgcaaagcc | agctgtctgg | gcctttttta | tgatactgat | cccattcatg | 180 |
| aatgctctgc | cctcatgac | atttcaattc | ccaaaggccc | cacctcctaa | tattatcaca | 240 |
| gtgataattg | ggttttcaac | acatgaattt | gagagaaaca | cattcagttc | ctagcattag | 300 |
| cttgcttata | tttatttcat | ctcattctct | ctcatagctt | ttatttttgt | ttccccgtgc | 360 |
| caattttatta | tagttttttg | tctttttata | acttttaacc | atcttttaaa | tttctcttat | 420 |
| ttattttctct | ttttactgtt | gagttacaac | tctcggctta | ttcagtggca | aagcaggaag | 480 |
| agatggcact | gaggcatctt | gatectgaag | gatcttttaa | ttcctcttag | cagtcttaac | 540 |
| attttttcca | tcagcccctg | ctatagtttg | aatgtttgtg | ttctctttaa | aatccatgtt | 600 |
| gaaacttgat | ctccaatatg | acagtggtaa | gaggtagggc | cttatatttg | agagcactac | 660 |
| agggtgagta | cactcaataa | taatgnattg | gatattttaa | ataactaaaa | ttgtataatt | 720 |
| ggaaatggtc | cctaacccca | aaggaaatgg | ataaatgctt | gggggttgat | ggataccccc | 780 |
| aattaccctt | tatggngant | catttacata | ttnaaatgnc | ttggatcaaa | accattcacc | 840 |
| ancattcccc | accattaaat | gntntnncn | | | | 869 |

<210> 4226
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 4226

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| tnaaaataca | ggctacttgt | tcttttttgca | gggatcccat | cgattcgaat | tcggcacgag | 60 |
| agggacaagg | ctataaatat | cattaatacc | aggttcagga | gtttgcactg | cactaaaaat | 120 |
| caactcagct | atttgagcac | cttttataga | gtggaaatgg | ggttgggcag | tagagaagag | 180 |
| cactttttaga | gaggcttttc | tgcagtagtc | aggggttaca | cctgttaacc | agccataatt | 240 |
| tttttttttaa | gcggtctgtgc | tgaggatgag | ccccatgtag | ttggtgcagg | tggggacaca | 300 |
| ctgcctgtgt | aactagaaaa | actaggcatg | gccgggcacg | gtggctcaca | cctgtaatcc | 360 |
| cagcactttg | ggaggtcaag | gggggaggaa | cacttgaggc | cagagacaat | ataatatata | 420 |
| atataatata | ttgaccagcc | tggacaatat | aataagagcc | tctctgtaca | atttaaaaac | 480 |
| taaaagcctg | gggtggtggc | acatacctgt | agtcctggct | acttgggagg | ctgtggcagg | 540 |
| tggattgctt | gaacctagga | gttcaatgct | gtagttagct | aggatcgtgc | cactgcattc | 600 |
| cacctgggtt | ggagtaagac | cctgtacaca | cacacacaca | cacaaaacaa | tgcacaatgt | 660 |
| gcatcaaaag | ggaagcgaat | aggtctctgt | gtaggtggca | aaaggtggtg | gtctgggaaa | 720 |
| caaggccacc | tgtggtgtgg | ggtgggaaaa | tgtttaaacc | ctt | | 763 |

<210> 4227

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4227

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|-----|
| gnnnnnnnnn | tttnnaactt | ttcaaatatc | ngctacttgt | tcttttttgca | ggatcccatc | 60 |
| gattcgaatt | cggcacgagg | gccgctgctt | ctttcccgag | cttggaactt | cgttatccgc | 120 |
| gatgcgtttc | ctggcagcta | cattcctgct | cctggcgctc | agcaccgctg | cccatggcat | 180 |
| cctgatgggc | gtcccagttc | cctttcccat | tectgagcct | gatggttgta | agagtggaaat | 240 |
| taactgccct | atccaaaaag | acaagaccta | tagctacctg | aataaaactac | cagtgaagaa | 300 |
| cgaatatccc | tctataaaaac | tggtggtgga | gtggcaactt | caggatgaca | aaaaccaaag | 360 |
| tctcttctgc | tgggaaatcc | cagtacagat | cgtttctcat | ctctaagtgc | ctcattgagt | 420 |
| tcggtgcata | tggccaatga | gtctgctgag | actcttgaca | gcacctccag | ctctgctgct | 480 |
| tcaacaacag | tgacttgctc | tccaatggta | tccagtgatt | cgttgaagag | gagggtgctct | 540 |
| gtagcagaaa | ctgagctccg | ggtggctggg | tctcagtggg | tgtctcatgt | ctctttttct | 600 |
| gtcttaggtg | gtttcattaa | atgcagcact | tggttagcag | atgtttaatt | tttttttaac | 660 |
| aacattaact | tgtggcctct | ttctacacct | ggaaattttac | tcttgggaata | aataaaaaact | 720 |
| cgtttgntct | ggcttctgca | aaaaaaaaaa | annnnnnnnn | nnnnnnnnnn | nnnnnnnnana | 780 |
| aaaaaaaaact | nngagccctn | tanaactntt | ngggggggccg | nntttacctt | anaatcccgn | 840 |
| accttggatt | angnatnccn | tttnt | | | | 865 |

<210> 4228

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1228)

<223> n = A,T,C or G

<400> 4228

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggccngtncc | ccttattgga | acctttctaa | tgctggtnta | ntccangtac | cnntcgtacc | 60 |
| cacgattcga | attnggcacg | aggctccacc | cagttctccc | agttcntnat | ggacgactcg | 120 |
| ctactgctgg | cctngggggg | gttcctgggg | ccgcacaact | cctnatccgg | cgagattgct | 180 |

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|------|
| gtcatcagcc | tanactcett | cgegetgctg | tcccgcntgc | ggaacaagnc | ctatgacgng | 240 |
| tttggctgtt | ggctcaccen | ngaccagcct | catcttnngg | aacctgcacc | gnattgnana | 300 |
| tatnacctnc | tgctntgtgc | tgnggcttaa | cnttgnctan | aacnatgtgg | agtnngagaa | 360 |
| cgtaacgng | gtgaagcngg | ctgnttaaga | tccanaacct | caatgncngc | nncgtccgca | 420 |
| cgggtgatgt | ggcccgnctg | cancecgnctc | nacagtcctg | anttaaaaca | gttnngccta | 480 |
| ccnnncaaan | ancnatncat | antnctnatn | tctntttntt | ncttcnaann | tnncatcten | 540 |
| ntacttanaa | tttcncttnc | naancntttt | cntnnttttn | tnntancntn | ttctnnctcc | 600 |
| tcccnnttct | ctatcntgan | nttcanntan | tcttnnnnta | ctacattctt | canttcatan | 660 |
| tcnctcanan | ttnnnctent | annntncatt | atccttncta | ncnnanactc | ttatcacctn | 720 |
| cgcanaacnc | tantnnentn | tcacncnatc | ttctaataana | catnctcctc | ctcgcncatc | 780 |
| tctnacnctg | taacntctat | atntnntttn | ctgcatnctn | aataatatat | ntacactcan | 840 |
| nacaananna | canacaccnc | tcatnttcat | acttntnaan | netccnctcc | tcatntnttc | 900 |
| tcgtcttnta | catactcaac | tactctatat | ancgtngacn | cnggnnatct | ctncgaannt | 960 |
| tctcctcac | tttagtcacn | attntatcac | tntcacttca | tntcncgtct | ccntctaaca | 1020 |
| nnnccattac | tnctantngt | gntnttnnct | cnctcacten | ctntacatca | tnnactnntc | 1080 |
| tantcatgct | nanatatang | tcncttcana | tacnncgnta | ncccgngnat | ntntntctcan | 1140 |
| aaccacnntc | ctatntttat | tttcgtacac | tgcaatcnca | taatcttcgg | catcntttcca | 1200 |
| tccgncatct | ncnnnnnata | tcanntnt | | | | 1228 |

<210> 4229

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (920)

<223> n = A,T,C or G

<400> 4229

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gngnnnnnnnt | ttgnaacttg | ctaagtctgg | ctactngttc | tttttgcagg | acccatcgat | 60 |
| tcgccaacat | ggtggtctca | aactccccac | ctcaggtaat | ccacctgcct | cagcctccaa | 120 |
| aagtctctggg | attgcaggag | taagccacca | cacccgtcct | cagtgcctgg | acttctgcag | 180 |
| tggacttcct | ttaaaaatcc | tggaaataac | actgcagtag | aagaacaaag | catacttcag | 240 |
| tcgtttaagg | ctgaggtatg | ctttgttctt | ttactgcagt | gtatattcca | gccttaaacy | 300 |
| actgaagaag | aatgtcaagt | ggggaagtgg | ctttgttttt | cagtttgtgg | gttctgaatc | 360 |
| cacacaaaaga | caggattgct | ttctgaaaac | ctgaattaat | tattgtcctt | acctcaataa | 420 |
| gacaaaaaat | tagaatcaaa | atcggttagta | ttacagtcac | agatatcacc | aagattagtt | 480 |
| tgttggtata | gccatatact | ggaacttctt | tcgtgagcta | aaaaaaaana | nanaaaaaaa | 540 |
| nctngagcct | ntagaactat | agtgagtcgg | tattacgtag | atccagacat | gatnngnatn | 600 |
| cattgatgaa | ntttggacaa | accncaact | tngaaatgca | tttgnaaaaa | aatgcttaa | 660 |
| tttgnggaaa | atttnnggga | ancntatng | gctttcantt | tngnnancn | ntntnnntn | 720 |
| cnnggccttt | anaccnangn | ttanctacca | accnaattng | nnattnnatt | ttnnantggg | 780 |
| ntnnaagggg | ttnaangggg | gggnaangnt | tnggnaagg | ttttntnaa | nttnnnncgg | 840 |
| gccnnnnntn | ccnaantnca | nttnggncnc | cnngccnccc | anantttttt | gnncccnttn | 900 |
| tatngagngg | gtnaannctt | | | | | 920 |

<210> 4230

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (810)

<223> n = A,T,C or G

<400> 4230

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| gnnnnnttta | annnnnnnnn | ttttnaanat | acaggetctt | gttctttttg | cagggatccc | 60 |
| atcgattcga | attcggcacg | aggtgattcc | tatttcaata | tgtgaaacac | ttaaccaaag | 120 |
| aatatatttc | gatgaatctt | aaacttgcc | taaaaacaga | agagggttaa | aagaatttag | 180 |
| aaaaaataaa | gttttagagt | gtttgagaat | gtgtatataa | aatattttca | aagccataat | 240 |
| atggatgctc | ttatggctca | gaagcatgcc | tactagaaca | cgtctcggaa | tgagagatgt | 300 |
| ttaattctgt | cacctcccag | aaagttttgc | aggggtttctc | acttgaattt | gcttcccttt | 360 |
| gcaacctctt | gtcctgaagg | cccccttccc | acctggaaat | gctgaggcat | gggtgtgata | 420 |
| agaatcagtc | attttgaaga | gaataagatg | atgactttat | taacatttcc | atatatgctg | 480 |
| attgtgtgtg | tggcggggtg | ggggctgggg | tggaggctta | aggcaaaagc | tagaattagt | 540 |
| catatgaatt | atgggcttgt | ttggagaccc | acctgaggct | canccttagc | cctcaccac | 600 |
| ctggggagtt | tactacctgg | gggccccct | tgncatgcc | tccacttcca | aaacaattca | 660 |
| attgcttttt | ttttgggtnc | caaaaataaaa | ccctcagcnt | agcttcttgc | cnannnnaaa | 720 |
| annnnnnnnn | nnnnnaaaac | tcganccctn | taaaaactat | aagtgaggtc | ggttttaccg | 780 |
| tagatnccna | accttgataa | gaaaacattg | | | | 810 |

<210> 4231

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4231

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnnnnntttt | caaatacnng | gcctcgtgct | tttgcaggat | cccatcgatt | cgaattcggc | 60 |
| acgagagtca | ttacaagtta | ggatcctggg | taaatggcaa | cctccacctc | ccaggttcaa | 120 |
| gcagttctcc | tgctcagtc | ccccacatag | ctgggactac | aggggcacac | cagctaattt | 180 |
| ttgtattttc | agtagagttg | gggttttacc | atgttgacca | agctggtctc | aaactcctgg | 240 |
| cctcaagtga | tcgcccacc | ttgacctctc | aaagtgtctg | gattacaggc | atgagccatc | 300 |
| acgcccggcc | acgctgttgg | ttcttaatga | cacagcttaa | ctttattgtg | aaaagattgc | 360 |
| agcaacaaat | gagattttac | ctgtatttgt | taaaaatgct | tatccttgtc | taagactggc | 420 |
| aacataagca | gttcttaggc | ttctatgcc | atggacacta | ggcagtaata | catgtgcagt | 480 |
| gctaatagaa | aatattggag | taagggtgta | ctaaggaggt | tctcaatctt | tccccttcac | 540 |
| tatcttctgt | aatgtaactt | caataaatgt | gattctcatc | ttggcacaaa | attgggaaaa | 600 |
| aaaaaannnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nntcnggcct | ntaaaacttt | 660 |
| aggggggtcn | tttttcctn | naccnncnc | cttganaang | aancnttng | gnngngntt | 720 |
| ngggcccanc | cccacacntg | gaatngnnng | ngaaaaaaa | aggntttttt | tnggnaaaat | 780 |
| tnggggngng | cttngnntt | ttttttnnan | | | | 810 |

<210> 4232

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4232

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| caaatacnag | ctactngttc | tttttgcagg | atcccatcga | ttcgaattcg | gcacgaggtc | 60 |
| atgcccggct | aatttttgta | tttttgtaga | tacagggttt | naccatgttg | gccaggctgg | 120 |
| tcttgaactc | ctgacctcag | gtgatcacc | gcctcggcct | cccaaagtc | tgggattaca | 180 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| ggcgtgagcc | actgtgacgg | gccttacatg | caatttttat | ttatagccag | tattagagaa | 240 |
| ttactaggaa | atttcatttt | tatatcttagt | gggagaaagc | catctacagc | atgtcttcaa | 300 |
| gcatggacta | tctgtaacat | acagtgtgct | tgcttttgaa | ttgnttgant | gttaaattggc | 360 |
| cgtaactgat | tgnattttcg | ttaattgtta | atanataaac | cagatgttct | gaaatctgtt | 420 |
| cttaaagcag | ntgcccctcaa | tgggtgntttt | gcctncctgc | ttctgagcct | cttgggntta | 480 |
| ctggagagta | cagggtcataa | agagacctga | actcttggtg | tatcaaccat | tatgtcatcc | 540 |
| tctnactgcc | aacatttttna | aacagactga | ggtnngcctt | tcgtaanaaa | catntactta | 600 |
| catattgcca | ttccttggnnt | tacctggggg | aaagcccnaa | tcgtnnttag | gacttnanan | 660 |
| ggaganacac | aggtctnttg | aaanggatgc | cgggggctta | atnaaataaa | aaacttttgg | 720 |
| ntcaataana | agtctgggnat | taaaaacaan | attaattcaa | catttntggn | agaaggncac | 780 |
| ttggggcngg | gaat | | | | | 794 |

<210> 4233

<211> 927

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (927)

<223> n = A,T,C or G

<400> 4233

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| nntggggntt | tcnnnnntg | ggatactntc | tctctgnagg | ngncgatggg | attcgaattc | 60 |
| ggcacgaggg | ggagnaagag | gggtngtngg | ttggaaggag | gaattctcct | ttagggaaga | 120 |
| tgtctgggaa | ggntctntctg | agagagtggc | cttngaaag | gagaccctaa | ttggntgacg | 180 |
| gatgagaggg | tgaaccatgt | aagtatctgg | ttggaaaaca | ttncagcgg | ctncagangg | 240 |
| tntgtgcaaa | ggcctntgga | canggtcacc | cnnngnttaca | tggccnccnt | nagccagcct | 300 |
| nntaaagnaa | agggtnntcat | naacaaattg | cnnaaancct | nnnnaggttn | gncanaggag | 360 |
| ggagaggcnn | tgggaatgttt | tgctngaata | gggttagtag | tgccccnca | tgattgacca | 420 |
| gttccccctc | tcnanaatgt | tncctnactg | ncgcagggtt | atgtagnngg | ggntgcctnt | 480 |
| cccatanttn | gnccccctctn | tancttggn | cntgggntgg | gatgaangtn | catccganna | 540 |
| cancttttta | nagttgccc | netgtctcna | ttnacnnatn | acccccnncg | aaactttgtc | 600 |
| tcccnancac | cccaaggatt | tcccttnggg | tatcgncncc | anaanaaagc | aannngtngg | 660 |
| atcaaantaa | tgggcnccca | ncantttttg | aattatncta | cncctgnaga | ctcccnttca | 720 |
| nttngcnttt | taaaaanccn | cttttntnn | cgggntnggg | tgcaantnnc | tcttnaaatt | 780 |
| ctaaacnnat | cttgnnnacc | cccncctaaa | cntggnnnng | gnccccctaan | ctttccnact | 840 |
| tcaacaaaan | ngtgaanttg | catattatct | tncatttttg | ntctntaang | accnnaatgc | 900 |
| nnngngntat | nannncanan | nncnncn | | | | 927 |

<210> 4234

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4234

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| ggnnnnnnng | nnngttnana | cnnccnnnnn | ttttcaaantn | ctaggctact | cgttcttttt | 60 |
| gcagggatcc | catcgattcg | aattcggcac | gaggttttagt | cttgtagctg | tatagcatte | 120 |
| cattgtataa | cttataattt | atattatgggt | tgtactattg | atgaacattt | gagtagtctt | 180 |
| cagtttgga | ctaccacata | tgggtgctgtt | atgaatactt | ttgcacaggt | atgtgaacac | 240 |
| atgtacacat | tgcagttggg | atatatacag | tactgaatta | ctggcttata | aatatcatta | 300 |

```

aatttttaaaa acaaaatttaa ttgccacaag catattattg tatctttgaa ttttaaacca 360
aattaaaaaat tctatgagtt gttgaatatt ataattgtac tattaagttt aaattgtctg 420
tgactatagc tataagacga tgcccatggg actttgaatg gcaacactag caaaataata 480
ttctaaggaa gagggacang ttttggggga caactancan tgtctgtagc ataatataga 540
ctacaaattg attactatat caccatgaa tttagctcag actcaaacac aaatttantt 600
tcttttaaaaa atagaaagtc catttatntt taaatggggc ctgattttcn nanaaaaaac 660
nnaaaannan aaaaanccgn ccttttaaaa ctatagggga gtncgttttn cttnaatcca 720
gaacttgata ananacattg ttgagtttng gccaaaccac aactagnatn gcantgaaaa 780
aaaatgcttt tttttgggaa atttgggat 809

```

```

<210> 4235
<211> 853
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (853)
<223> n = A,T,C or G

```

```

<400> 4235
agngtntnnnn ttttctaacg ntggntactc gntctttttg caggatccca tcgattcggc 60
acaattggta ttcaaaacca agtctgtttg actcccaaac ccatactttg aacctgaagt 120
ctgtactgct gaaagtttct ccttattgaa gaatttatat tttgcattaa tttatgtctt 180
cagaattata caaagtattg ggccacacca aatttgagtc tggatatagta gccttcttgt 240
aaaaaattat atcatataac atttttatga ctgtgaagac ctcttaattc ttcaggaagg 300
agggcccttt ttcaaatcag acatcctggg gtttttactg accttatttc attctctgaa 360
gaatgaagga atttccact ttgtagtaag tcatggaatg tatagcattc cttctatagt 420
tgaaccagat aatatttagc aagtctgttt agaatatgac actggaagtt ttttctgtgc 480
tttttttaaa agaggttttt ggaattatag tcaatctgaa acttgggtctt actaataaag 540
aagtgaacc taagtgaact cccttgctcc ctgatggctc ttggtataag tctcacttaa 600
gtttctctga cgattttcag ggttnatttt tgtgagtga ccaaggaacg gtgtattttg 660
atttgaacc tgaatggntg gaggtgtgta ttggaagcaa tagtctgaat ctttttgggg 720
gtnataact cctttttgaa gctgatgaaa gcttnggnaa acntccana aaataaaccc 780
ttaatcngc ncatnaang gaanntngc atttcnnntt tnnngcngacc cngntnaata 840
tncaattntt nnn 853

```

```

<210> 4236
<211> 787
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (787)
<223> n = A,T,C or G

```

```

<400> 4236
nnnnntttta agancagctc ttgttctttt tgcaggatcc catcgattcg cttgctcacc 60
ctcatttggt aaactgctac gttaaagtgt tcaggatagt ctgattgacc tgggctgctt 120
ccgagaaatt gatgagctaa taaaaaagga aaccaaaggc aaagggttctt tgggaagtact 180
caatctgaaa gatttgaaga aggagatgag aaatttgaat gacacccatc agtctcttca 240
cctctaaaac actaaagtgt tttcgtttcc aacagcactg tttcatgtct gtggtctgcc 300
aaatacttgc tcaaactatt tgacattttc tatctttgtg ttaacagtgg acacagcaag 360
gctttcctac ataagtataa taatgtggga atgatttggt tttaattata aactggggctc 420
taaatacctaa agcaaaattg aaactccagg atgcaaaatc cagagtggca ttttgctact 480

```

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ctgtctcatg | ccttgatagc | tttccaaaat | gaaagttact | tgaggcagct | cttgtgggtg | 540 |
| aaaagttttt | tgtacagtag | agtaagatta | ttaggggtat | gtctatacga | caaaaggggg | 600 |
| gtctttctaa | aaaaagaaaa | catgagcttc | atttctactt | aatggaactt | gtgggtctgag | 660 |
| ggtcattatn | gnatcgtaat | ataaagcttg | gatgaatggt | cctgattatc | ttgagaaacc | 720 |
| agatnttgaa | aaattgnggt | cgggccttaa | ataatttcgn | tggacatgct | gncataactt | 780 |
| aaaatat | | | | | | 787 |

<210> 4237

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (819)

<223> n = A,T,C or G

<400> 4237

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| nnnecgnngtn | ttnaacnnc | agngnttttag | ccnagctatc | gntcttttatg | cnnganccca | 60 |
| tcgttcnaat | tccgcacgag | aaancatcaa | ggtggctgnt | tgnnagcant | gatgatgacg | 120 |
| aatctgattc | tnangatgac | agtaatacnt | naaaattnaa | ccncaanttn | ngggcngagc | 180 |
| tggacaanaa | ggttnntgaa | nactnaanat | anttagactt | ncctnntgtn | ctnatttttt | 240 |
| gacataggtc | ctnaaatctg | gntnaangca | ggcgcccctt | atcctacntt | atntcatcng | 300 |
| ggngtctant | aggagagtga | ganttntgtg | atccnntntg | attgggncan | nnntagatgg | 360 |
| aggcggtcca | cataccaatg | ttggaatnta | agcagtgcgg | ggaggntnac | atnngcagtn | 420 |
| ctctccncaa | gctaattcnn | ggngcagggg | cnatnatnca | tggttnttgt | ctgtctgtgg | 480 |
| aaacaatgna | tttangcnn | ccnctggca | cnnctgacag | atcttcggat | gntgctcttg | 540 |
| tntctaaaaa | ctgggtgtcn | agangaacac | tgatgtatgt | anatgaaaaa | aaatnctngc | 600 |
| ttaggganng | nggaatcttg | ctgaagnгаа | aaantnaaag | ncctngantt | tttttncaan | 660 |
| ggmntnttgc | naaaataann | ttaaacgaat | tgtacnnaac | acntgaaacc | gtangntggt | 720 |
| tttttnanttt | ttngggngn | tnaaannttt | ttggtccaan | nnnggcattg | nccttncccc | 780 |
| tttctatatt | aaaaaaggnt | tcggtancnc | aaaangaat | | | 819 |

<210> 4238

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1421)

<223> n = A,T,C or G

<400> 4238

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| gngngnaaca | cngaananng | aaaccnanna | aacggcncna | ananenggna | aanacangcn | 60 |
| ncggncncg | ncangaaccc | nttgcaacnn | ncctntangc | agancccanc | ganncgngtc | 120 |
| ngnaangccn | gctgcntggg | aggccagggg | caggntaat | tcnctngana | nnnagancag | 180 |
| gnngaannnn | nngccgggcn | gggnagaagn | nnaacggaca | atgncacatt | caaagcanga | 240 |
| nccacccana | nagcgnagca | nnggnngaag | ccagggaang | gacncnctgn | canttggaaa | 300 |
| actngggaag | ccngaaggan | cgagggggccc | tgccggncnn | acaanagnag | ctcantngaa | 360 |
| gggacgttna | cncaannngg | acgcnagaac | gcggccaanc | aagatacgaa | agggggaaann | 420 |
| ccggnacgag | agcccnnggn | nacggcncnc | ggaaanggct | agaaaaaaga | ataaaggggg | 480 |
| aanngatcgn | aggnatngag | ggccatnggg | ancacaggcn | caaaaagnggc | cancaaaagan | 540 |
| cacagnggaa | gngnccanag | nactncgggn | cgggagatca | ggggnggata | aantgaataa | 600 |
| ccaaggccna | nggacncgaa | aaaaggngng | nccaaaaang | ggggngccnan | aagggggggag | 660 |
| cnnccaaaga | ggncaaaaana | aaatngccng | aggggcnaga | gaaaccnccc | ncagaaggan | 720 |

```

gggggncaan aaaaatcnaac cnnnnngggnn naaangnggg ggggggggaaa gggacnntca 780
ccaaaggcnn canaaaaaann ngaagggnncn cccccnncn aaaangnaaa aangggaaaa 840
accnntatntc nagttcaggn naaaaagtng ggggggaaaag gcccnaaaaan aaattaaatt 900
naaggangaa anccnnngag annaaccccc cangggcaaat ngggccaaac atgggnncac 960
ncggggccnng gggggcatng ggcccccaaa tnggnccccc ccnaccgggn aaaggggggc 1020
aaaaaaggan cggggngana aaaanggnncn gcctcccata gggcaaccat ntgcacgggg 1080
gccnccncaa attngggngag ggnaaanncn aantcgcnca ccaatgttaa ngggaaaagc 1140
aaccggcaaa agggccatnn ggaangangc ccngnnaaac caaanagaca ncaggntagt 1200
gaaccttccn aangggaaat aagatnccgg naaaaggcaa ggncgnaaag aaagtngaaa 1260
nccgangnaa ccngangana aggcnnnaana ngggaancna ttacannncn aanaagnagg 1320
caangntgn ggaaagaaaag atccaaagcc cnnnggnngc agnatgccng gnaaaantgg 1380
gaagntanna ngancctgcc aaaggcttng gaaaaacnnc c 1421

```

<210> 4239

<211> 864

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(864)

<223> n = A,T,C or G

<400> 4239

```

gnngtntnnnn ntttncaan tnggctactt gttctttttg caggatccca tgcattogan 60
ntncnaggcc ggggncctgt cattntngat catnatcttn ngntatgaat nggaccttta 120
cagtcactga caggacaaca acaggctgga gtnggngccc atnctgctgn ngtgcctnna 180
agaccacanc cctnanagge tntgggtcct gctgtgcatn gccattgga tgccganggg 240
ctnatnactc anactagtac ctcaentgat cagatgncag aatcaaccaa atnntgcaga 300
tttcagtcng ttgtgaagta tttgctgcat caacatgtag aacgactaac attcatgatg 360
aagccgagaa acatncacaa gtctgncgg ctnaaaaagc ttatgatcct gcacgntntc 420
tnatagtngg ctaaacagat ggtataaact gacgaanaga cagctgctac tgctcctgcc 480
aatgtgagca aaggcacaat actacttgct ccaggaccta aacctgttcg aagaagattg 540
taaattggaa gatgaattta ggccagaagt ngatgaacat acncaaaaana cgggtgggct 600
tagctgctgn ncntgcatca caacctnntn ttncagntc tgctgggaac gataaganng 660
tnttcangca tcaattagnc gtaataagga aaccngcanc gatttngncc aaatgggnata 720
gcctattgca gggncnaatt taaaggatgt nctttnngag anaaattacc tgggaagtgc 780
aactgggaac aacntcnaac cattntctna cctataagcc aantggccgt taactgtgaa 840
catncttggg ttttaaaann gcnt 864

```

<210> 4240

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 4240

```

ntccttttga ntacntntac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
tcggcacgag atttcaacat actgttgtct aatcatcgtg actcccccac tttctctttt 120
ttagaggaaa gtattgtaca gatgtatctt gaagattata atcttggttg attattgcct 180
attctcactt taggaataga tgggtgatgc ttatgacttg tggtgtataa cgaggtagaa 240
atattgctgn cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata 300

```



```

aaccatctaa tgcattgtaac agtgatcagc aaattaataa attagacctc tattcatgct 360
taaattatca aagctaatat ttaaattgaga tgttctatct taattaaaat ttctggcacc 420
atcggtaatg agacttagaa tttcaactag tgtatttagc tcttactt 468

```

```

<210> 4241
<211> 476
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (476)
<223> n = A,T,C or G

```

```

<400> 4241
gtntttmnnn tttganttca aatacaagct acttgttctt tttgcaggat cccatcgatt 60
cgaattcggc acagaagacc aagcgcatgc gancctcttt caagcatcac cagctccgga 120
ccatgaaatc ctactttgcc atcaaccaca acccggtatgc caaggacctc aagcagcttg 180
cccagaaaac aggtctgacc aaaagagttt tgcagggaga acaaattctt gggcattaca 240
gccaaacatc ccgacgtttg aaaattccct aaagtattaa aagaagggga aaagtttgat 300
cggaatcca ctgcagtga gacaaagaca ctattaggtt atgataatca tacattaaaa 360
aattttattaa gccaaaaaaa agagagagag agagacttaa atgtcattta ctgaatgtta 420
acgaaacttg tgttctttat ggtgtctaac acaactgaag gcctaaaatt atgtgg 476

```

```

<210> 4242
<211> 846
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (846)
<223> n = A,T,C or G

```

```

<400> 4242
gtnttttncn aanngntggg aactcgctct ntctgcagga tccctcgatt cggaatatata 60
gngagatgtg ggatgtgaat gcccatgaaa gacatattat tacacttgaa tatattcttg 120
cttcacttta ccctncataa natgntgtac attagtgttg atcangttta cagagntaca 180
tgggcgcttt cctaaccatt cagtnangaa ttaaaatatg gcattgtata acaactggga 240
agaagctcat agnggatata aagtagagta gataatgggt caccttggat agcctctgat 300
acattcttgt atatgggcaa aataatgatt acctatacgt gtatttaagc ttaagcatca 360
tataaacagt cttttttaanc ttatggtaaa nttnatnata tntaaaagct gtgatctcta 420
ggnagtcctt aagtnattag tacnagnactt naaaaagatt tttaataggt ccgncaccgg 480
tggnntcatg cctgtaatnc cagcacttcn ggaaggctng angcaggccg aatcacctga 540
aggctcnngga anttcgagga tcanaccttg gccaaacatt ggtgaaaacc cctnggtctt 600
aaacttaaaa nntttttaaa aaanntaagc ccnggccntt ggntgggnan aggcgncctt 660
ggtaaaccn aagctntcct ttaggaaagg cttgnaggcc anggagnaaa ttancnttgg 720
aanccnaaa gggggcnaaa annctttncn gtctcngcnn aagnaatcgc antcaaatgg 780
naactntcan accntaangg ggaccaagna ancncnnana cnttnattct tcaaaaaaaaa 840
aaaaat 846

```

```

<210> 4243
<211> 789
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4243

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| tnananctgn | tnncncttca | aatnctnggc | tactngttct | ttttgcagga | cccatcgatt | 60 |
| cggaagagg | atgactgggt | atgctgtgcc | acccttgagg | gccatgaatc | cactgtgtgg | 120 |
| agcttggcct | ttgacccgag | tggccagcgc | ctggcgtctt | gtagtgatga | ccgtactgtg | 180 |
| cgatatctggc | gtcagtatct | accaggcaat | gaacaagggg | tggcatgcag | cggctctgac | 240 |
| cccagttgga | aatgtatctg | tactttgtcc | ggcttccact | caaggaccat | ttatgacatt | 300 |
| gcttggtgtc | agctgacagg | ggctctggcc | acagcttgtg | gggatgacgc | gatccgcgtg | 360 |
| tttcaggagg | atcccaactc | ggatccacag | cagccacact | tctccctgac | agcccacttg | 420 |
| catcaggccc | attcccagga | tgtcaactgt | gtggcctgga | accccaagga | gccagggcta | 480 |
| ctggcctcct | gcagtgatga | tggggagggtg | gccttctgga | agtatcaacg | gcctgaaagc | 540 |
| ctctgagcta | cctcgacttt | ggacagagta | atgacttccc | cagaaaacgt | catataagac | 600 |
| ttttaccagc | ccctgaanga | ccaagaggga | gccattcctt | tgaactttca | tttaactttg | 660 |
| gnttnacttc | tctttaaaac | ttggggtaga | aantgcaaaa | gccncanaaa | attgcttttc | 720 |
| cnttcccccg | ccttttgaac | atgaaggnc | ttnaattaaa | agaagcttcc | cggaaccatt | 780 |
| naaaaaaaaa | | | | | | 789 |

<210> 4244
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 4244

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| nttcctaattg | tttcgntcc | ttncctccgc | ttctaangct | tggcgtgcac | tccagcctac | 60 |
| atgacagagt | gagaccctgt | ctcaaaaataa | taatnataat | gaactgagac | tcanaaaaga | 120 |
| tgtttgttca | nggttacaaa | gtcagacag | gacagggcag | cattggaaac | caaaattggt | 180 |
| ctgactccta | gtcatgctg | taaatcacgg | tgcaaggctt | ctactatcta | tgttgttctt | 240 |
| aaaagaatgt | ataaatgaaa | agatggttaa | catattaagc | aaaatatgtt | aaacgtcaaa | 300 |
| tgaactgtat | aaacgataaa | tgctggagag | ttgaggtggc | aaagaactca | tgcccagggt | 360 |
| gatctgggaa | ggcctcttga | caaggtggaa | ttatagctgg | tttttgaaga | atccgaaagt | 420 |
| gcttagattg | aaaggtgaga | catgtacagg | aatggtttct | aagatgtcat | attntatctc | 480 |
| tgctctcate | ttgactggca | ctaataaaca | tcaaagattt | caacctaaat | acattgagtg | 540 |
| cccagtatgt | gaanggcctt | atztatgggtg | gtttaaaagc | tttttaacat | actttaaaag | 600 |
| aagggaactgg | ttaatctnca | ctgnctagat | ccattagacc | cgggaccgga | tgggcccang | 660 |
| ggcctttggg | aatggcgtgg | tgggacagtc | ttncactttt | gcacataccc | aagaaaagaa | 720 |
| tggnccctttt | gggaattttg | cagacctaca | atctggagg | | | 759 |

<210> 4245
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (842)
 <223> n = A,T,C or G

<400> 4245

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| tcccccttgaa | ancccntaac | caggcttcnc | angncaaach | ntttggaaaa | nccaanacnn | 60 |
| aaaaanaang | gganggggnac | nnngcacgn | ngcaagagan | tacacaganc | ngacngnttt | 120 |
| taacgannat | cgnaaaaccc | caaattggang | gannttgagn | cacntgcnaa | agggcccaac | 180 |
| tgctcanttt | aaaaaagagc | agngtccgac | annngcaaag | aaangcagan | naagaggcaa | 240 |
| ggaccccaaca | gaacacatan | ctgaaaataa | tncngaataa | ntnnacaaca | cgggtggggg | 300 |
| aattcaannng | gacgnaagnn | ngcatccntn | nttcctnata | ancctcaa | gnaatcggga | 360 |
| aggcaangnt | ggccacaatt | ccacaaan | acgggattta | ccatnannnc | tncangattt | 420 |
| caccaggata | ccatantcaa | ggagtga | gaaaagtggg | gaaattcaag | gaacttggga | 480 |
| cccacccnng | nanaccntta | aaaatnaagg | gactcntcaa | gaaaagggaa | ccntnangag | 540 |
| tcnnaaaaaa | agggaagang | aatggaangg | ggnccataaa | ggccccnggn | aaaagggatn | 600 |
| caagnaagaa | anaaaaatgc | aanttanaaa | ggactgggaa | gaaagganaa | naggnnnnag | 660 |
| gcgaaaacag | ggcccatcta | ggaanccngg | ngaaantaan | tncngncnag | aaaacccnnn | 720 |
| gcaaaaaggg | naantcgnnn | nnacnnanta | aaancccnnc | aanggatngg | caaannnnn | 780 |
| aaagggntag | aaangncanc | ngagcgagnt | acacgnanaa | aanncnata | ananntaann | 840 |
| cc | | | | | | 842 |

<210> 4246

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4246

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| gnncccttnn | ctntacanta | caagctactt | gttctttttg | caggatccca | tcgattcgta | 60 |
| tctgtctgtc | ttgatctcta | ttctagcctc | ttttcttgat | tggccctctc | ccctctcttc | 120 |
| tgtctgattg | gcctgtatcc | ttccatcacc | ccatctgtct | gctggattct | ccctgtctgc | 180 |
| ctgcagtaat | gtatgtgata | gcactttata | aattataaag | cactatgttg | tataaaacac | 240 |
| cattatcaact | ttgtcttctt | tcttacctta | ttttttcttc | ctttatctgg | cttcccttct | 300 |
| tctctctttc | tctctctctc | tgtttgcttg | tctgcacccc | ttttggatgat | tttgccctgcc | 360 |
| ttctctgtca | gtcaatctcc | attccctccc | tgccagccta | ttttcttgcc | atccctcttc | 420 |
| tctgtctgct | cagttcttgc | atctctcctt | ctgtgtttcc | aggtttctct | atatttcttt | 480 |
| tgcctgtgta | gtctctctgt | cgttaggcct | tttatctatg | cctgtgtgtc | tcaactgtcta | 540 |
| netgcttgte | tccctgcctg | tcactttcat | tgtggggcat | caagtctctg | ccttcttctg | 600 |
| tctttcaagt | acttcaaaaa | ataaaaaatta | aataaaaaat | taaatcctta | tgataatggg | 660 |
| tacangagaa | attttttgtt | taatgagaag | atataaggng | agacaaagaa | ctcaaaatta | 720 |
| ctgtgaaagc | aatgaanaaa | | | | | 740 |

<210> 4247

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 4247

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| agcctttttgc | naacngtttc | aactacttgn | ctttttgcag | gatcccatcg | attcgccaga | 60 |
| aagtgccttt | acatttttgt | cttgaacaa | ctntgcaatt | tcactttgat | ttaatatttc | 120 |
| tagtaataaaa | gcactcttcg | actccacatt | cttatctctg | ggcagacatt | ttattcttaa | 180 |

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| gaattgtagt | gnttgatnag | aagctnaatg | gagatgatta | acgtgtcaat | gattaataat | 240 |
| tataacaaca | ttcaaacact | tagaaattat | agnatttcat | canatgtctt | tttaaagagg | 300 |
| catttctggc | cagttgtggt | ggctgacctt | tgaggaggctg | agacggctgg | atcacttgag | 360 |
| gtcaggagtt | cgagggtgaga | ctggccaaca | tgatgaaaac | ccttctctac | taaaaaaaaa | 420 |
| aaatacaaaa | attggccggg | catgatggca | ggcgccctgta | atccc | | 465 |

<210> 4248

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4248

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|------|
| gggngggggn | tttttttnaa | annnnnnnncn | nttttttttg | ngaaaaaagt | ccccgccagg | 60 |
| gccttacctt | tgggtntnct | tttttttggg | ccaggggaat | ncccccaatn | cggnatttcc | 120 |
| ccggaaaatt | tccggggcca | ccggaaggaa | aaaaccaa | tantnaaacc | ttcaaaaaat | 180 |
| gggccctttt | tcntaacagg | gnacttaccc | aaaaagcctg | gtcctgggtan | tcaagggttt | 240 |
| aatgggggtg | tttaaaaatc | cataaaattt | tctggggaat | ccatggaatc | cttaaaaacc | 300 |
| ttttaaattg | ggtttcccat | tttcttacnt | ttacttcntt | ttactaaaca | aaggtantcc | 360 |
| ctggaatggg | cctggaaaaa | atnccatggt | ttggnaaaat | tttggaagg | tttttgga | 420 |
| ttttttccca | ggaatccaaa | aatantggaa | aaaattttta | ttttttccaa | ttttttttta | 480 |
| aaggtaccaa | aaaaataatc | caagtttggg | antaaatcaa | ttgggtaaaa | aaaccattaa | 540 |
| aaaatttttg | gcttattaaa | aaaggaattt | tttaaaangg | gcctaatttt | ggaattttaa | 600 |
| aaccatttta | atttacctta | aaaacctctt | tttggccttan | gaaatttttt | ttttaggaaa | 660 |
| atttcaagcc | attcggggaa | gggaanggaa | atggtggacc | attaaattaa | atgggatccg | 720 |
| aaaaggcccg | aaaaggtttt | aaaaaagggt | tgggtggaatg | gccntcaca | atgggggttg | 780 |
| ggaanggggt | taattctaag | ctttcttaaa | gggactggaa | tgggtttggt | ccacaaagga | 840 |
| agtgttccat | caaggtcata | aattngggtn | aagacttaat | gggcttanaa | ttttatggna | 900 |
| tttataccct | gatggtattg | gaattgagat | gaatatttta | tgaacaaaaa | tgagaccatt | 960 |
| gtgtaagaag | tatagtatta | aatataagtt | aaaacttgga | atttttaaat | cttggagtat | 1020 |
| gtnagccctt | caaagctctt | gangctgaag | gcccgatntt | ttgcagtggg | | 1070 |

<210> 4249

<211> 1336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1336)

<223> n = A,T,C or G

<400> 4249

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| aggnnggnnn | nnnnnnngnn | ngnnngnnnn | ngngnngnng | ngnnnnngnn | nnngnngnng | 60 |
| ggngnggnng | nnngnnnnnn | ngannnnngn | gnnnnnngnn | nnnnnggnnn | nnnnngnngn | 120 |
| ngnnannnna | gangnnnnng | nnngnncnna | ngangggngg | nnngnnnnnn | nnnnnnnnnn | 180 |
| nnnnnnnnnn | gnngcngnt | angntgggaa | aaaancccc | ntttttgggg | aagaaanann | 240 |
| ccccccnggn | ntnctttttt | tttgggccnn | gggggnaaan | cgccccaan | ccgggggaag | 300 |
| ggggcggnnn | aanatgtgnc | gggggncnaa | ccggnaagg | ggaangngna | nagnnnngng | 360 |
| ggannnnnnng | nnnggnnagg | ggnnnnnnng | ngnntttttt | ttntnnnaa | aggccnagnc | 420 |
| gangnnnggg | nnnnngnngg | cngnnnnnaa | ggggnggggg | ggggggagnt | angggggcan | 480 |
| gnnnaggggg | gncantancn | nanggggggn | gngagaacgn | naaacaacac | agggncnngg | 540 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|------|
| aanggaggng | gnnnagnnng | nnngagnnac | gnggcgnng | gngngnaang | ccnncngggg | 600 |
| gcngggngan | gngnananca | ngggnnanag | nagangggag | gngggaaagg | gnggggccgg | 660 |
| aantgnngga | gnggcaaggg | angnngganc | ggagggangg | gggcgagagg | angagccnat | 720 |
| cgagnggggg | naggggngac | aggaanggan | aagnangggg | gnaaggcgng | aancgaaggg | 780 |
| gggggnatga | ggaggagann | gngagnctg | gggggaaggg | ggnanngggg | gggggnngnn | 840 |
| gagnnggna | gngggngggg | ggangangat | gggagcnaa | cggtggacaa | aacggcggn | 900 |
| caggnggggc | aggnanaaaa | gggcggggag | cggngcngng | ggggagggng | gngggtgtan | 960 |
| gaggcaggna | aattganngg | gagacnnggn | gngcgngnga | gggnngaana | gngnnngaana | 1020 |
| naagacggaa | cnaagtggag | gaggggggnan | nnggcgcagg | agagngaggg | ngtanggnag | 1080 |
| anananangg | nnaggacngg | ngncgngggg | nngagtgagn | ggcgcgangg | agngngaggn | 1140 |
| gagcgnggan | ngagggngng | nacggggatg | gggagngcng | ggggngnnnc | gcggggcggtg | 1200 |
| gggacnceng | gggggggggg | gggnnaaggn | ancnnggggg | ngnannagan | gangggngnn | 1260 |
| cgntgcnggn | gngggggggg | gagagnaang | agnacngggg | ggggggnnacg | nnggggngga | 1320 |
| gngcgagnnn | gcgcgg | | | | | 1336 |

<210> 4250

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4250

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tengngagtg | gtatgtctcg | cntcnccgaa | nagcaggcgg | ngcgaattcg | gcacgagncn | 60 |
| aaaacttngn | aataanncac | tttcatttnt | tttctagatt | ttgtacatct | caggccatat | 120 |
| nagcaaagct | tgntgatagt | gnaggntnct | aaacgctgca | aatnngcagn | ctttaccact | 180 |
| acaaagaagt | ctggatgatg | gatnctctgc | tnttngtcaa | aatagttact | gctgctgtag | 240 |
| aaatttcatt | tttagattna | actgtgntgg | atgagctatc | ataattcaag | tatacattgt | 300 |
| cttagnctat | caaataattca | ttgtcatgca | gtagtagtna | aaacatcnna | gatgcagcaa | 360 |
| gcntattaag | anntattttac | taaaagaaat | aggaggcatt | tacatcttta | ttattgtact | 420 |
| cngggatatg | caaacnctnn | gatantataa | acagttatgt | cccctataaa | tcnggtcagc | 480 |
| aacctcnntt | gattatgctg | gggnaagtca | aatagtntgg | aagtaggtag | agtnctggnc | 540 |
| nacaagggtg | ttcaaanctt | aannattngg | aacacngggg | nccaagggct | nnaatcntta | 600 |
| aaaggaaaac | tggggnttta | ntgcactnaa | accgtttntg | gngccntang | gttcnaaann | 660 |
| nccanaacct | tgaatnnant | gtggtanccc | ctgggncaaa | anaaangncg | ggnattancc | 720 |
| cactggnncg | gaanaacaat | tgcctaaata | aaggtncccc | caattgaatt | ccccnanaaa | 780 |
| nggcctnaaa | anggntcccc | tntttccaaa | gnaaant | | | 817 |

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1351)

<223> n = A,T,C or G

<400> 4251

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttggnggaaa | accctttttc | caangagntg | gganaaacnc | cgatcgcccc | naangcgnnn | 60 |
| ggggcanaaa | gngcnatnca | gancgnngna | antnnagecn | ntttttancc | cccacngnga | 120 |
| ananangcng | annaaccngg | gnatnaanaa | nngnggcccn | nngncaaana | nnnanaacnc | 180 |
| atggccnnga | angnncnacc | cttacnnaac | ncaatanccn | ncganancag | aannagntga | 240 |

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|------|
| accnnnnnca | cntnacaaaa | nnctetagan | nccgntcacn | caanaagnen | cnnngccann | 300 |
| acnnnacnnc | nanncnancn | ncngcangga | ncncacnccc | cncncgnnnc | canacnanc | 360 |
| ngacngacnn | aatanctnag | annacncgag | cnntgacnta | annacncaan | tagcannngc | 420 |
| cnctcgrrngn | acncnnaact | ntngnngagc | ncnnagnngt | nnnnagctnt | acgcnncgat | 480 |
| agananagcg | naaaacngan | nnnnnnctnt | cnananannag | actangacag | acnnngncaa | 540 |
| cacatnnnta | gaacnnngca | cacatntcta | ncgntatcan | cagnncaggc | annnnacaca | 600 |
| anagcancac | nngantgann | cacaanaatc | acgcntngaa | tnnncntnnc | tnannnnaca | 660 |
| caaccaanat | nnaanaatgn | aagnacaccg | aacactnnac | angcagacta | nactcngnca | 720 |
| cnnaananaa | gaactgacng | acannacaaa | tanaaacggn | ntctacatca | cagangtacn | 780 |
| nncagacana | ancnnncgna | nnacaancgg | cncacacagn | tanacntntc | atagcnntcn | 840 |
| ancatcccnc | agtgcacaca | agngcncgna | aannntcatn | tcnctanana | cggatnccat | 900 |
| nataggaaca | gnnanctgcn | tacannnctn | ncaagnaatg | nacagatgcn | cgcanganac | 960 |
| gnaagnnncn | nnatnctgca | tgcntngcnn | ancaaatggg | angatnaten | nanatncaan | 1020 |
| nngcngcata | caannngntcg | nctaacacng | atctgcatcc | atngacggat | anacgtngag | 1080 |
| tangcctnnt | cacctcnnaa | gatctgcgtn | ncganatcan | cacnatangc | ntnaanagtn | 1140 |
| nncagaacag | tacnagactg | gnnantnaag | ntannatngt | ntnnagtata | ataannccaca | 1200 |
| ngnagntaga | cnncaancgn | ngnacnanat | nccnngcann | cgcaaanaga | gcancnncan | 1260 |
| gcgnaccgac | cgcagctaan | acanacnact | ntacnncaca | aancntnnga | ggccgntcta | 1320 |
| atnctnctac | nnnncacctg | nacnggaccc | g | | | 1351 |

<210> 4252

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4252

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| taaanntnat | ggntggntac | ttgntcttta | cgcaggatcc | catcgattcg | aattcggcac | 60 |
| gagggagccc | agtgttcctg | ttcatgaaat | ctncctttta | ctggaaaaca | ggaatattga | 120 |
| ctaccaaate | acaatgcaat | tgaagccgta | ctgctttttt | gagcagttat | tcattccagt | 180 |
| gattaaaaact | gattgtgcan | aatattctaa | gaggncanaa | attggngtgt | ntaactacat | 240 |
| ttttagtgat | gcaattnatt | gattagttag | taagatactg | agttttattg | agagatttga | 300 |
| ttattataaa | gtaaaaatac | ngctgnatta | gggttacnaa | cagnaaagtg | tcttaatgnc | 360 |
| tnangagggc | atnttanctn | cactacaaaa | ccanatnttg | nctgtacttn | tgaanagaat | 420 |
| nttgtnngtn | ctcagctgnt | atncaananc | tnaggaagnc | tntatggntg | cnttctatga | 480 |
| catgtgnatt | gtgatntgca | tataagnatg | ggtggngtgc | nataccatat | tctnggttnt | 540 |
| taaaatctat | cactttncac | cttncaactt | gacgtggtaa | aactttaaaa | accaangtgt | 600 |
| gnaaacccnc | nggntttctta | aaatacnagg | ccttagatct | tatcagnctg | tttgacaaa | 660 |
| cagggttttt | caanggnctc | ctcctnanan | tttttttnaa | cgggtcaaat | aangnnnttt | 720 |
| gaggnaagct | cttagtttga | ccggaaaaagn | tgggnccnt | | | 759 |

<210> 4253

<211> 1382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1382)

<223> n = A,T,C or G

<400> 4253

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|------|
| nnnccggnna | nngaannngn | gnnnnnaggg | gnngggggcc | nnggnganng | gnnaanggnn | 60 |
| gnnnnnnnna | nngnnggaag | naaggngggg | aaaacagggg | naanggnnga | caaannnnac | 120 |
| nanngnanaa | naggngngnn | ggggngggan | gaaanagggc | gnaagggang | gnaaggaann | 180 |
| gggannnnncg | nngnggnnnnc | ancnnnnnnn | annccnnnnn | gngggnnccn | nttngntggg | 240 |
| aaaaaacccc | ctttttgggg | gaaaaaaaan | nccccccnng | nngnnngngg | naaannnnag | 300 |
| ggngaanaac | cccnacgcng | aaagaangng | gaanggnntc | anggacnacg | nnangggcga | 360 |
| ncgcccaggg | ggcannnggg | gnagcnnngc | nccannnnntt | tnccaacgaa | gggnananaa | 420 |
| cnannagncn | gcancnngng | cagggggngn | ncgncgangc | gcnnnanagn | acacacaaaac | 480 |
| taanaagaan | nggaaganan | naacananna | acgaaangaa | ccggnaaaaa | gagacgggca | 540 |
| nngcnganan | aggagcngga | cngnaggggg | ancnncnngn | annaagcgng | gnagnnnngg | 600 |
| gnggaagagg | cngcncggaa | ngcnnnnnacn | antccgnaac | naaanagnan | naangactag | 660 |
| gcaaccngaa | cnnacgcagc | ggnnncnann | gcgganncn | nnacnagcgn | nngaggggna | 720 |
| agcgcgcggg | acnaacgggg | ncncnngann | ggganngaaa | angccgnaac | aaaagangga | 780 |
| cgnaaaaacn | acncananaa | cggnnagggc | ccngcagcnn | aagnaggnng | ggagggcagg | 840 |
| gnangcggga | aagcggggaga | cgcnnccagc | gagaagcgcg | cnaangaaan | ngancgggcn | 900 |
| ncgcgcnggg | nanncgngcc | ggnannagag | gacnnatagg | aagtgcacna | ncaaacgcan | 960 |
| cggcatcnca | ngaggngang | ngatgnggat | anagngancg | ngananncna | nagaganggg | 1020 |
| gagagnaagn | agancgcgga | angnacanca | angcgnagaa | ccgngagagc | gnccangca | 1080 |
| ngngagaang | gnannagagn | nannganana | cggngcgagn | gangnnnnga | cacganggac | 1140 |
| acgcgcggag | aganncgcn | acatgaagna | ancggngnga | tgggaaannn | gannganana | 1200 |
| cgganggaan | cnggggncga | gangagangg | ngaggcncac | cnaacacgga | gggggagcna | 1260 |
| ggtagnngca | nnnaangaga | cgcggacgaa | aacggganaa | ccgaaanggn | ggngcaanga | 1320 |
| nannanggga | agacgcacgn | gnggnnggga | gnaaannang | ngggaanacg | aanaaaancg | 1380 |
| cc | | | | | | 1382 |

<210> 4254
 <211> 1245
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1245)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|------|
| <400> 4254 | | | | | | |
| cgatacacat | cntnnncaaa | tgatatacnat | ntaanatatac | aatatnttnc | ntnttnatac | 60 |
| tctgcaannn | aagaaaagan | anantnaggt | gctgttgaan | ccatnanctc | ttgttttttt | 120 |
| gcagnnccca | cgnttcgaat | tcggcacgag | gttttctcca | ggcacaatga | gccactgcag | 180 |
| gcttttgagg | agaagagtga | caagctgnag | agctgtgttt | taggacagct | atcctagagc | 240 |
| tatgtgtggg | cagagagtac | aagcaggtta | tttatgaggc | tngggtaaaa | aggcagacag | 300 |
| gggacacatt | tgtcatatgc | cctattgagg | cncanaatca | nggaacagga | ggtctgcngg | 360 |
| ttncangaca | ggccaaatca | ngganaaaaag | ggactatccg | ggattancaa | gtcactgggtg | 420 |
| atcganatat | cactttcttt | gaanntttan | aaatggtttn | tgttancact | tgcannctc | 480 |
| ttcattaana | naacctgcca | caaaccaata | aanttanngg | tttaaaatag | aatcntgnag | 540 |
| ttatananan | cccaatggga | anctnggnta | atannttnta | nngggaanac | tnttnnggtt | 600 |
| naaaaaggga | aanntnnggg | aaancccgnt | nanangagag | nggnagnntn | tggcataana | 660 |
| gacnggnnt | ctctctctta | aacganatac | gaatacctct | tnccgnnnnt | acnccnnngg | 720 |
| tgntnmanaa | acgntatntt | tctacacggg | antctntgtc | gtttttttta | agataatnag | 780 |
| nagnacncaa | tacataantn | ncaagcncgc | gtananaana | nantgnacgc | tnannataan | 840 |
| aactcttntc | ngtatngggc | nctaantctac | ttaanggana | aagcttaata | taangntgat | 900 |
| ggcaagggtg | cccctgttag | antcnttacc | nattgtctca | acgatctccc | taacgttatc | 960 |
| nnntngaca | ccatgacgcn | attngangcn | cacttantnt | gaacngtaaa | aagnntttnt | 1020 |
| gggggtgcnn | tannaatacn | nangtcnnc | tcncttttnn | nggttanant | ntccnancn | 1080 |
| tngatataaa | gannaaataa | ntggtgcaac | ntatatTTTT | cggnnacnna | nnatatattct | 1140 |
| ctntgggnna | tncatgtctn | catnctgtcn | ttatcnatTT | ntngtaagna | gaaacngtn | 1200 |

aatntcttat gaannntnt cnntttcgta atttgaaana ccncg

1245

<210> 4255
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4255
 agnggnatt aannnnnttt ttanannngc ngctcttggt ctttttgcag gatcccatcg 60
 attcgaattc ggcacgagaa acaatataac tcaaagcct ttctacagga ctacaaagct 120
 gtctgtatca gggtatgggt ttaaatacata atttctggat catgatctta aacctttaat 180
 tggttccatt tctactttac tctttactaa caagtatcct gatgggcctg aaaatccatg 240
 ttgaaatttg aagtttgaat ttccagatc aaatatgaaa tttattttca ttttttaaag 300
 tacaaaatat cagttgtata atcatggtaa aacataaaat ttgtctataa aagattttta 360
 aaggctatct gattaaaaca tttattttact taaactcttt gctagaattt tttttagaat 420
 tcagcatcgg aggaggaatg tgacataata atgatcgaaa gccgaaagt taaaagttgt 480
 gatgccctca catgggtgga gggttattct agcttctaag gactgaatgt tgtccacaag 540
 agtgtcatca ggtcataaat tggtaagact taatggctta gatttatgta ttatacctga 600
 tgttattgna ttgagatgaa tatttatgaa caaatgagc acattgtgta agaagtatag 660
 tattaaatat aagttaaaac tttggaattt taaatacctt gggagtatgg taaagccctt 720
 tccgaagtct cttggaggct tgaaaggcgg nattcttttg cantgggn 768

<210> 4256
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4256
 tggngnttta nananncnng ctctentctt tttgcaggat cctcgcattc gaattcggca 60
 cgaggtaaaa catgtaattt ggacatgcaa gacaatgctg ctgccaaacta acattgcatt 120
 gattcattaa gatgttattt ttgaggtgtt cctgggtctt cactgacaat tccaacattc 180
 tttacttaca gtggaccaat ggataagtct atgcatctat aataaactat aaaaaatggg 240
 agtaccatg gttaggatat agctatgcct ttatgggttaa gattagaata tatgatccat 300
 aaaaatttaa agtgagaggc atgggttagtg tgtgatacaa taaaaagtaa ttgtttggta 360
 gttgtaactg ctaataaaaac cagtgactag aatataaggg aggtaaaaag gacaagatag 420
 attaatagcc taaataaaga gaaaagcctg atgcctttaa aaaaaatgaa acactttgga 480
 tgtattactt aggccaaaat ctggcctgga tttatgctat aatatatatt ttcattgtta 540
 gttgtatatt tttcagaaat tataaatatt attaatttaa aatttgaatt tgtgtttgac 600
 taacaacctc gatggatctt cttncacctt nccattaaga tcctgcagaa gaaatagaaa 660
 tattcaataa ttgcaagggt taattgtgag acaacttatt ataatacgtg ttaagttcta 720
 ctgganccat ggaaatgggt taagaaaaa 749

<210> 4257
 <211> 466
 <212> DNA
 <213> Homo sapiens

1358

<220>
 <221> misc_feature
 <222> (1) ... (466)
 <223> n = A,T,C or G

<400> 4257

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tgnttcnant | nttttacaac | tacttggtct | ttttgcagga | tcccatcgat | tcgnattctn | 60 |
| nacgaggctg | cttactaagg | cttnnactgn | nanatcgntt | gaccnntnn | gtcgntnget | 120 |
| gcacatgccn | atattnnnnc | gacnnngctn | nntcctgngc | ngntangnga | tgacctgnnt | 180 |
| cnggacacaa | tggngaangn | gtagnnggtc | nngacatngg | cgaaattgtg | ngcnactaga | 240 |
| antngtgnca | angcnngntt | tcacatancc | tnnnnnnnct | acttgccatn | ttnnantgan | 300 |
| cttnctgcct | cacnacattc | ntgngttcat | aacnngacnc | nctaagnnga | caactccgaa | 360 |
| cccacattgg | ncaaaaaaaaa | cnacatatgc | tnacngttcc | tnctgcccac | gtgnncnntn | 420 |
| aacttgnatn | atcttanact | gaaccagngc | tccaccatt | catnct | | 466 |

<210> 4258
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (464)
 <223> n = A,T,C or G

<400> 4258

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tngatncett | cgatcagctc | ttgttctttt | tgcaggatcc | ctcgatncgg | cctatcttag | 60 |
| agaatcatct | gctcannctt | tattcctgca | gaatacaaat | gtcacattct | aacctgttca | 120 |
| gagattgtct | tcaanataaa | antgtgattc | ctacatggna | tgnaaaacaa | nctacactnn | 180 |
| tnggcaaaag | gcattattag | ggntngattc | cataatgatt | gagtnctntt | nnnnagtata | 240 |
| ntcatgcanc | tgaacaaaat | gaagctcatt | ccactgcntn | gaanaatnnc | acaaatgtga | 300 |
| tgctnaanan | aggaagccac | gtgcanacac | tnactatata | attntatgta | catnaagttc | 360 |
| agnatccgga | tagttaccnn | tgnaaaggan | gtaactnnan | gagtntgagg | aggggnttct | 420 |
| ggtatctggt | taatgnactt | ngtaccantt | acccaanagt | gnnt | | 464 |

<210> 4259
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (882)
 <223> n = A,T,C or G

<400> 4259

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gnagcntnnn | nnttttctaa | ngttggctac | tcgttctttt | tgcaggatcc | catcgattcg | 60 |
| aattcggcac | gaggcatcct | gtccttgga | accctttctc | attctccaag | cctgggcagc | 120 |
| tgcttgacac | ggcagaggtg | ccctcagccc | aggttagcaa | cactcatagt | tttgccaatt | 180 |
| accagtagac | actagtggaa | ccatctaact | ggaacttcc | ctctccttcc | acttatttcc | 240 |
| tcaaaacttg | tgctttacac | tagacacatg | caaagtgtatg | ttttaaacac | acaaaaacag | 300 |
| atcatgccaa | atgagttgcc | tgtcaaaggc | tggagggcag | gaggagggcc | tgggtttggg | 360 |
| ttctttcctc | ccagcctttg | gatggtgcct | tgggcccctt | agccccagcg | ccagggcctt | 420 |
| ccagctgagg | ccacaggaaa | gcactttttt | atgatgtact | aaaagccaca | gtatgtggca | 480 |
| actgcaaaag | gatcaggaat | ttagggatag | atctcgggtca | cgtgtcccgg | gccgctgagg | 540 |
| ggaaaggaag | cgggcatgat | tgtagacaat | gaggggggttc | tcttgatgta | atgaaatgca | 600 |

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| atatttatggt | ttggtgcaaa | aactcctatt | ttccagttaa | tttaactttat | ttctaaagca | 660 |
| tattttttgat | ttncatcna | nagcnataaa | gcattaaaa | tctttaaaaa | aaaatnatch | 720 |
| ntctcnantn | ctccanattc | aaaaaaaaact | tcgnncntt | naanaccttt | ttgngnggtt | 780 |
| cntnttttnc | cgngannccc | cncntttnnn | nctnngattc | cntttgncgt | tnntttgnga | 840 |
| cnaaccccc | atactnagan | tnctccgcaa | aaaaaantcc | nt | | 882 |

<210> 4260

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4260

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| nngtgnantg | ngatnttggc | nagcgccatg | antnnnggag | tcgancgann | nncggcacga | 60 |
| ggagaaccnc | ntaaagccct | nannttcct | ttttttngna | ngaagnggga | gtanatggnt | 120 |
| ngcnatntan | nccnanangg | cacnntnnan | ggaggngnaa | ccactctgac | gttnnatngg | 180 |
| cantgagagn | tagancagag | gctgncctgc | ntggaagctg | atatacccta | taatncanag | 240 |
| ggnnnnagac | nantnttgng | aaactcggtg | anacattcta | tttanagaca | tgcttctga | 300 |
| tatgacntat | atatttatag | ggatacccnt | ttatngctgg | gacatnaanc | ctgnttncac | 360 |
| tcnaaatggn | cctgctttca | gaaaatagaa | cangagacat | gccgaaaaca | gngnttctat | 420 |
| tattgtgnat | tatgantttt | gttctntaga | actattttcc | aactcatctn | nttncctgca | 480 |
| gctgnggaat | ctggacagcn | aaatcttggg | gacgtttatt | ccactaagcc | cagggatgag | 540 |
| atggcactca | ggttaaagaa | ctaacatttt | ctgaaccctt | nattaactat | ttaccagcat | 600 |
| caggccctct | aagtacaagt | gtcagaatcc | ttcatttcaa | ttttttcact | cngggcattn | 660 |
| cccattacaa | agcccatcct | attattgaac | ccnaanttna | gcaaacaccat | taggtctgcc | 720 |
| acttaagaan | tcngngnnnc | aaggttgccn | aagaa | | | 755 |

<210> 4261

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4261

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| tgtgttttct | nnctgtgggn | actggccttt | cnncangaag | cctggccgggt | cgaactgena | 60 |
| ncggcnnenn | cggaaagggn | ntgnncaann | gnaatttntg | cngntnangn | tgtatacacc | 120 |
| ttggangann | nnnttgngcn | attgcngntc | tnngangtat | tcangncnnn | ttaattcntc | 180 |
| atnancnca | cttccatngt | ntnntcngnc | acatgctnnc | antntatnat | ncntgngaaa | 240 |
| ngcngantat | cnatgctaga | cntnnntgca | ggctgngngcn | ncgganntgt | cntgacnnca | 300 |
| aactgtttac | tctnantgac | tgtgngngcn | ttntcnnat | gaaaannngg | gcagtattcc | 360 |
| cttnctaaan | gagntcnnag | gaagaagatg | agaancgggg | tggnatcagn | aactganngg | 420 |
| gcacngaagc | acgtgnnaga | ccctcnnana | atgatgtgan | nggacaaaaa | gcntgatcac | 480 |
| caagcgcttt | cangnctgga | ttccnnncnc | gnatccatan | nagtctgtgn | anccaggacc | 540 |
| ttnnaggnat | catnnncng | gcgtgtngnn | aatgagcatn | gtgtggtaca | cttgacngtg | 600 |
| tcccctgggtg | cntactntgt | aattcatgct | ncactagatn | agncnagnac | ntatatncgc | 660 |
| ttcggcactg | tgtgctngta | ccnaccncnc | gttggaaccgt | nattcccctt | ncaatgtgtn | 720 |
| anatnttngg | ttgggcct | | | | | 738 |

<210> 4262
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (461)
 <223> n = A,T,C or G

<400> 4262

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ntcntngata | canctacttg | ttctttttgc | aggatcccat | cgattcgaat | tcggcacgag | 60 |
| gcaattgtct | atztatcttt | tatnttttta | agtcagtatg | gtctaacact | ggcatgttca | 120 |
| aagccacntt | atctctagtc | caaaattaca | agtaatcaag | ggtcattatg | ggttaggcat | 180 |
| tnatgttnct | atctgatntt | gngcaaaagc | ttgaaattaa | aacagctgca | ttagaaaaag | 240 |
| aggcgcttct | ccccctccct | acaccnaaag | gtgtatttaa | actatcttgt | gtgattaact | 300 |
| tatttanaga | tgctgtaact | taaaataggg | gatatattaag | gtagcttcag | ctagctntta | 360 |
| ggaaaatcac | tttgctaact | cagaattatt | tttaaaaaga | aatctggtct | tgttagaaaa | 420 |
| caaaatttta | ttttgtgctc | atttaagttt | caaacttact | a | | 461 |

<210> 4263
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 4263

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| anngannctg | nnggtcgtgt | aacgccecttt | ntnnangaag | acnggcgatn | cgaattccga | 60 |
| ggatccaaga | gggcnnnact | ngggngggct | tcntttcagc | tgaaggctgc | taccgtaccg | 120 |
| tgtgggagcg | cctgggtctg | gccttccaga | ccccagaggc | atactgccag | cagcgagtgt | 180 |
| tccgctcact | ggcctacatg | cggncactga | gcatatgggc | catgcagcta | gccctgcaac | 240 |
| agcagcagca | caaaaaggcc | tcctggccaa | aagtcaaaca | gggcacagga | ctaaggacag | 300 |
| ggcctatggt | tggaccaaag | gaagccatgg | cnaacctgag | cccagagtga | gccgtctgaa | 360 |
| ctgtgggagg | gaagtgctaa | cagcccagcc | tncagcctgg | cctttcctcc | ttccccctctg | 420 |
| aacctcctgc | aacctgagc | catcaggaca | atcatacccc | ttcccttctc | tccacccaat | 480 |
| tgtgccagta | aatggggggt | gagggtgacc | taggcagcat | tagaatcact | tatttatttc | 540 |
| tttcctacct | gttccctgac | tgcgtaaat | gttcaggag | gtcagttgat | ttccccaggt | 600 |
| acattcatgg | tgtgacagac | acatgggtac | aaataaaaaga | cccagaaagc | caacnaaaaa | 660 |
| annnggtttt | nanncnnga | attttaaaaa | nntntaaatt | ncntngnntt | aaaaantnct | 720 |
| tttntgnaaa | aaannntttt | ggcctttttt | | | | 749 |

<210> 4264
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 4264

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| nggggtnttt | atanaatcca | ggcctacttg | ttctttttgc | aggatcccat | cgattcggcc | 60 |
| acatcggggg | caccaccctc | catgcctttg | caggcatcgg | ctcaggccag | gctcctctag | 120 |
| cccagtgtgt | ggccctggcc | caaaggccag | gcgtgcggca | gggctggctg | aactgccagc | 180 |
| ggttgggtcat | tgacgagatc | tcaatgggtg | aggcagacct | gtttgccagt | ggccaggcct | 240 |
| atgtggccct | ttctcgggce | cgcagcctgc | agggcctacg | tgtgctgact | ttgaccccat | 300 |
| ggcgggttcgc | tgtgaccccc | gtgtgctgna | cttctatgcc | accctgcggc | ggggcaggag | 360 |
| cctcagtctg | gagtccccag | atgatgatga | ngcagcctca | gaccaggaga | acatggaccc | 420 |
| aatcctnctg | agcctnacc | acaaagagga | gacaaaagg | ttggcctgtg | gctnccccgt | 480 |
| cctcctgctn | cctatggccc | angggcccag | ggaataactg | gagtaggcag | gcagtgtccc | 540 |
| cttctgtatt | ttttanggac | tntaaccttc | tgcagggtta | aaggagagaag | tctttaaac | 600 |
| catataccaa | ctgtgcttca | gttcttttan | ttttgcctgg | gtaaactgct | gtagggtcag | 660 |
| aattaccctt | tctgtgccaa | ttganaatga | acctgtgtgg | tactgatgtc | agaggacaaa | 720 |
| ctntntgaan | ggcttgaaca | nacttga | | | | 747 |

<210> 4265

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4265

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| ncntttatca | aancgnnttg | gctactcgnt | ctttctgcag | gateccatcc | gattcgaatt | 60 |
| cggcacgaga | aagaaagggc | tcgtgacaga | gaaagatnna | aagagaagtc | gttcacgaag | 120 |
| tagacactca | agccgaacat | cagacagaag | atgcagcagg | tctcgggacc | acaaaaggtc | 180 |
| acgaagttag | gaaagaaggc | ggagcagaag | tagagatcga | cgaagaagca | gaagccatga | 240 |
| tcgatcagaa | agaaaacaca | gatctcgaag | tcgggatcga | agaagatcaa | aaagccggga | 300 |
| tcgaaagtca | tataagcaca | ggagcaaaa | tcgggacaga | gaacaagata | gaaaatccaa | 360 |
| ggagaaagaa | aagaggggat | ctgatgataa | aaaaagtagt | gtgaagtccg | gtagtgcaga | 420 |
| aaagcagagt | gaagacacaa | acacttgaat | cgaangaaag | tgataactaag | aatgagggtca | 480 |
| atgggaccag | ttgaagacat | taaatctgaa | ggtgacactc | agtncaatta | aaactgatct | 540 |
| gattnagacc | tcagatcaga | cagaggacta | ctggttcgaa | gattttttgga | anaatnctga | 600 |
| ngaacgggat | aaagtgaaga | tcgnnctntt | aaaaaaatga | ggttgaaaag | aaagctatna | 660 |
| gtggcattna | aaaagtntta | agctncantt | agttttnttt | attattatta | ttatttaaaa | 720 |
| ggttaatttc | aaggacttga | tgttgacctc | cngatttccn | gaacatgtgt | tnaatagttn | 780 |
| ttattcccct | tgg | | | | | 793 |

<210> 4266

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4266

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tnnnaatcnc | nnnaagcctt | tgttnaaccc | ctttgctact | ngcncctttt | gcaggatccc | 60 |
| atcgcttcna | attcggcacg | aggttatncc | agtatctgnc | ancagaatgg | cattgtgccc | 120 |
| atcgtggagc | ctgagatcct | ccctgatggg | gaccatgact | tgaagcgctg | ncagtatgtg | 180 |
| accgataaag | gtgctggctg | ctgtctacan | ggctctgagt | gaccaccaca | tctacctgna | 240 |
| aggcaccttg | ctgaagccca | acatggtnac | cccaggccat | gcttgactc | anaagttttc | 300 |

```

tcatgangag attgccatgg cgaccgtcac ancgctgcnc cgcacagngc cccccgctgt 360
cactgggatc accttcctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa 420
tgccattaac aagtgccenn tgctgaancc ntgnncctg accttcttct actgncgagc 480
nctgcangcc tctgcnctga acgcctgngg cggnaataag gagaacctga agctgctcac 540
gaagaatntg tcaagcgaac cctgncnaac agccttgcct ggcaaggaaa gtncacttnc 600
gagccgggta ggctagggct tgctgcaacc gaagtccctt ctttggtntt ctaaccatcg 660
ccttttttaa nncggaaggg tgtttcccca aggattgccc cccaanaact tnnaagncc 720
ttggcccaa tttccnantt tttgaaanaa ggnaggncgg cctncttta nngggcttcc 780
aaaccttggg cttagancec nggctttttt t 811

```

<210> 4267

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (469)

<223> n = A,T,C or G

<400> 4267

```

ntnccntttt nantacanat acaagctact tgttcttttt gcaggatccc atcgattcgc 60
catgcccagc tgtaatttct tattaggtgc cagacattat gaattttacc ttactgggtg 120
ttgggtacat ttggatgtct ttaagtattc ctgagaatta ttctcaggtg cagttaggtt 180
acttatgaat agtctaattc tttagagtct tgctttcaag ctctcttagg gcaggagcag 240
cctttagttt atgactaata tggccctggt actgagacac taccattcta agtacctaaa 300
tacccaatgc cctgtgtagc atgaggcatt tcaactctggc tgataggact gtgaactagc 360
ctcaacctta tatggtcttt gatgattggt ttgcctgttc ccttctgtgg ttcttttccc 420
gtgtcttctt tactcacgct tactgctcag tactcagccc gaagactct 469

```

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 4268

```

cgttacttcg atcaagctct tgttcttttt gcaggatccc atcgattcga aaacccttac 60
aaaaaaactt taaaaaaaat ggcagcaaag ggtagttttc atctggtgtc ttttatttaa 120
gttttttaag ttaagaaaag ctggtgacat atttatacgt ttttgtgcaa aaataaatga 180
atggcaatag attttaaaaa atcttattat gtacttctgt gtgaaaaagt ctgtataata 240
tttcccttaa atatgcatta ttttacttgt gagttttttc tgaattaatc tgaaatgtca 300
agccctggat ttgtacaga gtgagaagtt attttatttt tttttatttt taattntgga 360
aattctgcag aaatcanaac tcttaccatg gtttgaacaa aaaaagggga aatggggagg 420
ggaaaagggg gggattgtcc ancattgctg tatgtatatt tca 463

```

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 4269

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| tccgtntgan | taccgtttaca | ngctacttgt | tcttttttgca | ggatcccatc | gattcgaatt | 60 |
| cggcacagaa | gaccaagcgc | atgcgaacct | ctttcaagca | tcaccagctc | cggaccatga | 120 |
| aatcctactt | tgccatcaac | cacaacccgg | atgccaaagga | cctcaagcag | cttgcccaga | 180 |
| aaacaggtct | gccaaaagag | ttttgcaggg | agaacaaatc | ttggggcatt | acagccaaac | 240 |
| atcccagcgt | ttgaaaattc | cctaaagtat | taaaagaagg | ggaaaagttt | gatcggaaat | 300 |
| ccactgcagt | gaagacaaaag | acactattag | gttatgataa | tcatacatta | aaaaatttat | 360 |
| taagccaaaa | aaaagagaga | gagagagact | taaatgtcat | ttactgaatg | ttaacgaaac | 420 |
| ttgtgttctt | tatggtgtct | aacacaactg | aaggcctaaa | attatgtg | | 468 |

<210> 4270
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4270

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| nncttactna | aaccgttttg | ctaactgttc | tttttgcagg | atcccatcga | ttcgaattcg | 60 |
| gcacgaggac | ctatcttgat | ctggatagta | aagtgaggac | tttaaaaaag | tttattaaat | 120 |
| tactgggaga | aatcatggag | cacagattca | agacatatca | acaatttaga | aggtgtttga | 180 |
| ctttacgatg | caaattatac | tttgacaact | tactatctca | gcgggcctat | tgtggaaaaa | 240 |
| tgaattttga | ccacaagaat | gaaactctaa | gtatatcagt | tcagcctgga | gaaggaaata | 300 |
| aagctgcttt | caatgacatg | agagccttgc | ctggagggtga | acgttctttc | tccacagtgt | 360 |
| gttttattct | ttccctgtgg | tccatcgcag | aatctccttt | cagatgcctg | gatgaatttg | 420 |
| atgtctacat | ggatatggtt | aataggagaa | ttgccatgga | cttgatactg | aagatggcag | 480 |
| attcccagcg | ttttagacag | tttatcttgc | tcacacctca | aagcatgagt | tcacttccat | 540 |
| ccagtaaaact | gataagaatt | ctccgaatga | ctgatcctga | aagaggacaa | actacattgc | 600 |
| ctttcagacc | tgtgactcaa | gaagaagatg | atgccaaagg | tgattttgtac | ttaacatgcc | 660 |
| ttgtcctgat | gttgaggat | ttgtgaaagg | gaaaaaaaaa | tctngactct | tgatataata | 720 |
| aaatgagact | ggaggcattc | tgaaattgaa | aaaaaaaaaa | aaaat | | 765 |

<210> 4271
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4271

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| nnccnnttna | ntanagatac | aagctacttg | ttctttttgc | aggatcccat | cgattcgcctt | 60 |
| ggggccagga | tcttgagatc | cttgcttggg | gataacttcc | tggagagctg | ctcagtcagc | 120 |
| tatacccttg | ggagtctttt | gttgaggagg | aaataaatgt | cattttgcaa | agccactgat | 180 |
| attctgtggt | tatcacggca | gtttagagag | gaaggatggg | ggaaagctgg | gttgcgctct | 240 |
| agccttgaca | cttctgcctt | ttgtagtgtt | aggcaaacat | ggcaacccca | gaaaactcan | 300 |
| ctgcctcagt | tttaaggcat | gcagggtcct | tgtgaggacc | atataagcca | cgtggaggggg | 360 |

```
tctagaccaa gcatagtgtc tggaagaaag ggcgtgtgtg ctaatgattt atgtctcttt 420
tctttctgag agtcttgctc cccaacacca naggtgagac cacctg 466
```

```
<210> 4272
<211> 465
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (465)
<223> n = A,T,C or G
```

```
<400> 4272
ttcncttttna tatagatata gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct ttagccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaagcc 120
ctgccaagt tacagaatca tgagcaaata aatggctgtt tctgttttaa gcttttaaat 180
tttgggggtg gtttatgtgt caataataac tgaaacagat aatatataca gaataaactt 240
tagttttaat aatctaagta aaagcccact aattcattat gcagaaaaaa atgatttttt 300
tgagacgggg tctcgctctg ttgccaggct ggagtgtgtg ggcacaacca tagctcactg 360
cagcctccac ctccctggtt caagcgatct tcccacctca gcctcccag tagttgagac 420
cacagtgcc tttgtgtggt ggaagcaagg tgccatgtga taagt 465
```

```
<210> 4273
<211> 630
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (630)
<223> n = A,T,C or G
```

```
<400> 4273
nnnnactntn tcnnctatnnn cngancnnnn ntctcngnac antttgnnna acngntntgt 60
ggggnnngnn nnanntnngc nnnnnnnnnn nnnnnnnaan ccttggaac ctncctnngc 120
cgatccnnnn ntgcannatn ccgcngngng gactngnaan cngnccana taatnaggg 180
ttnnnctgna cngggcaaaa accccannat taggnanggn gcgctaggng gcccnananc 240
catgnagtgg cagcncgnca nncngttgtt tnnccaatch nnaattcgna tcgcctcggn 300
ancgcccctg ggggtanggg acactctgnc nantggncn actgntnana anaaggganc 360
nagtgtcnng angncncng cntacncnag ngaatcctnc cngngnccg ggngactagg 420
ggnggatncn nncangaagg nnnngagccg nagaacnac ntgggtgacn ggntgngaca 480
aagnnccgt cnaaaaaatg ctangggnaa nnacanaagg agnntcnaa tgcattanna 540
ngtgangttc caacgccna tgaaaaagg annanggaaa gtcgcacant gattganang 600
ggncgcngn ngngcatatn naaatnnanc 630
```

```
<210> 4274
<211> 618
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (618)
<223> n = A,T,C or G
```

<400> 4274

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tnnnncnncan | ncnnncnct | nnnnncnntn | gantnnnnnn | nnnnnacntn | ctcangnnng | 60 |
| tnnecatncan | naagnnngta | ntntngtgc | ntgnncntnn | nnennntatc | gnaatnnnnn | 120 |
| nnnnnnntnc | ttnccttttg | taaccccttt | tnnnccntgg | cntnacncat | gnaaccctga | 180 |
| agncggngcn | angcnatagc | tatnaacgaa | catttnnct | ngctacggnn | nattgnactn | 240 |
| acgcngnct | gtangangcc | acnttnacat | gcnaggncgg | cacaccggtg | naataatngn | 300 |
| gtcgtnnnt | gggtgcggcc | ctaacgcttc | cnttngcntn | agcncangng | cctnagactn | 360 |
| ttacagnngc | attgganaaa | gncgcggcgt | naccgcgtgc | mntacncaat | naaggngtgt | 420 |
| gaaacacngg | acntgggttg | aaaaacnntn | aancngatg | gcngagcmta | agccccngg | 480 |
| gngcctgagg | aagcgtgcag | cnaggtnctn | atganaaatc | acttgtgncn | aaacggacaa | 540 |
| tgantgcgn | agnggaantc | tgngcncgtt | aggncacnca | mntgttnatt | gggcgcattg | 600 |
| aanngncatg | actccnnc | | | | | 618 |

<210> 4275

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4275

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|------|
| gngngnann | ggnggggna | nngnggaggn | gngngngggn | gngngggngn | gngnganggg | 60 |
| nnngccnna | nnggccggag | cnggggnnc | ggngngagag | ngcnnngnaaa | gccctttgga | 120 |
| aagngcggag | nngagtggng | ggccgncgga | gagggggggn | ggggangngg | ggnagngggg | 180 |
| ggggggggng | nngcncgnnt | gagnggngng | ggngagaggg | gngcnnnnng | gngggggggg | 240 |
| ggcngcnggg | gngnggaggg | nnggnggna | gnggngnnng | aaggngggng | ncgangnnnn | 300 |
| agtggangnc | gngagngcgg | gggaanggag | ngcnggggg | nngngggggg | gngngggggg | 360 |
| agggnnagga | gggnnagagn | gncnngtggn | agggagncng | gnnnnngaan | gagcgaccng | 420 |
| gaggggaang | gnaggganng | ggngagggga | gaggnngggn | agncgnagag | agggncnggg | 480 |
| nggannacgg | annacggng | cnangncntn | gaggcnnccn | nggggaggcc | nannanggtc | 540 |
| cgggggggnc | aggaaggann | caagggaatn | aggaanaaa | gncgccaagg | ggnnggnaag | 600 |
| nngaaannnn | gcangggggg | ganngccggg | agcggannng | gngagngan | agggngangn | 660 |
| gggangaang | cggggnnggg | ggaaggagng | gagnganaaa | angggccagg | gagggngggg | 720 |
| angngngac | cnnnggnana | ncaangggng | aaangcngga | ngggggngaga | gaggggggan | 780 |
| naaccngaga | nggaaanggg | gangggggcc | aaaggggggg | gggagcccn | ggnggggaaa | 840 |
| aggganccag | nttaagaaaa | gagccggggn | agaggggngg | ggaanccaan | ngtngngagag | 900 |
| ggcgnccgaa | gatggngaga | nnaaaccagg | ggganagcat | gggggatnan | aggganaacc | 960 |
| cgangangga | aaggcaaggg | gaacncnggg | anngggggaa | ncgnaagccg | ggggngggcng | 1020 |
| ggnaaanggg | aanagnngng | agggggggaa | ggggaanant | gaaccnnggg | naggaaaaaa | 1080 |
| cgggggggaa | ntnaaaaaag | gggggggaga | aggaaantgc | gggagccaan | gnntgaaaga | 1140 |
| aaaanaaata | gggnaagggg | gggggggaga | naggggnaaa | aagggcctga | catagaggng | 1200 |
| gggggcgagt | atgggnnaaa | gaaaaagggg | gngntnnaaa | agggncncng | ngaggtanga | 1260 |
| ggggagggng | ggtngggaga | nagngaanaag | aagagcgaag | agatnagttn | naaaaaangg | 1320 |
| gngganaaan | ntgcgcaggg | gaagctgggg | aaagggnggg | ggacccann | agcncggga | 1380 |
| anatgtgncn | gggaaaaana | gggggggggn | gnnaaganag | ggggaaaaa | aaagggccca | 1440 |
| ccnggg | | | | | | 1446 |

<210> 4276

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4276

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| ggtgggttttn | angnnnnnttt | ttctantngc | agctacttgt | tcttttttgc | ggatcccatc | 60 |
| gattcggntg | gctctcccag | cgtctgacct | ggcgtgtctc | tcagtcccat | cccaaggcga | 120 |
| tgttctctac | cgctagatgg | agcatcagac | ctcaagtcaa | gancatccca | gttcactgnt | 180 |
| gcttnnggtg | gctctantct | gggagggang | gggagacttg | aaaatgggan | gatctcattg | 240 |
| gcttgctaag | gnttnggatt | tacctcntat | cactggagac | ccattgtagc | gacaangtca | 300 |
| agggaaacnng | aacttgttta | ctatcngtgc | gctctacatt | gaatttaccg | acaaactctg | 360 |
| tgannaatcn | gatatgaaca | atgcacnctn | nnctngtctn | agacannnnn | ttannaagaa | 420 |
| ggngcacact | gaacnnnctn | acagcactnt | tngntagggg | caactgtactn | tgacctgnat | 480 |
| gaaantntan | ccgaggccan | aatngaccna | ctatnaagct | taaacacngat | tnnagnnata | 540 |
| taatnaatga | nnattnaana | tgancctgan | ctannagctt | aatagtntctg | atgggcctnc | 600 |
| atgtinatntc | aaaggncctt | gaattggcta | cttanaagga | naatggccaa | tngnacgtgt | 660 |
| tnnangaaag | ggaaacagga | aangcnccta | gtcccantgt | aatgngtcnt | nggcaancaa | 720 |
| nctgttttaa | acggtntcgn | aaaaaaanan | nttccnnnt | nn | | 762 |

<210> 4277
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (793)
 <223> n = A,T,C or G

<400> 4277

| | | | | | | |
|------------|-------------|-------------|------------|-------------|------------|-----|
| ncntttatca | aancgnttgg | gctactcgnt | ctttctgcag | gatcccatcc | gattcgaatt | 60 |
| cggcacgaga | aagaaaagggc | tcgtgacaga | gaaagatnna | aagagaagtc | gttcacgaag | 120 |
| tagacactca | agccgaacat | cagacagaag | atgcagcagg | tctcgggacc | acaaaaggtc | 180 |
| acgaagtaga | gaaagaaggc | ggagcagaag | tagagatcga | cgaagaagca | gaagccatga | 240 |
| tcgatcagaa | agaaaacaca | gatctcgaag | tcgggatcga | agaagatcaa | aaagccggga | 300 |
| tcgaaagtca | tataagcaca | ggagcaaaaag | tcgggacaga | gaacaagata | gaaaatccaa | 360 |
| ggagaaagaa | aagaggggat | ctgatgataa | aaaaagtagt | gtgaagtcgg | gtagtcgaga | 420 |
| aaagcagagt | gaagacacaa | acacttgaat | cgaangaaag | tgataactaag | aatgaggtca | 480 |
| atgggaccag | ttgaagacat | taaatctgaa | ggtgacactc | agtncaatta | aaactgatct | 540 |
| gattnagacc | tcagatcaga | cagaggacta | ctggttcgaa | gattttttgga | anaatnctga | 600 |
| ngaacgggat | aaagtgaaga | tcgnncnttt | aaaaaaatga | ggttgaaaag | aaagctatna | 660 |
| gtggcattna | aaaagtntta | agctncantt | agttttnttt | attattatta | ttatttaaaa | 720 |
| ggttaatttc | aaggacttga | tgttgacctc | cngatttccn | gaacatgtgt | tnaatagttt | 780 |
| ttattcccct | tgg | | | | | 793 |

<210> 4278
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (903)
 <223> n = A,T,C or G

<400> 4278

```

ggtttntttt tttgnngntt ttgngcnttt tnaggegttn tntctgatcc cegctaattg      60
cattcggnccg ngctncccta cagatantgc atgcacnttg nagntaatc agtggtntta      120
acngntncat antntatcaa gcngtncatg aangtgtngt natnaaatgt ctatgtatct      180
ntagttacat tcaaantnngn aactttataa acatgtntta tgcttgagga aatttctaag      240
gtggtagtat aaatggaaac tttttgaagt agaccggata tgggctactt gtgactagac      300
ttttaaactt tgctctttca ngcagaagcc tggtttctgg gagaacactg cacagcgatt      360
tctttccag gatttcacaa cttttnaagg gaagatnaat gaacatcnaa tttctaggta      420
tngaactatg ttattgaaag gaaaaggaac actgggtgtt gtttcttaga ctcatgaaan      480
ttaataatta tgaangcaat gaaaaattaa nttgaaacat taaantctnc ntgacantng      540
gaatnattcc tttgccactt tnttgcatc atttcagaan acnattccgt nnttnttcc      600
antntngcna acccatttnt ncctggatnt tgngccatan ttttgacntc ccggnntna      660
ttecannatnn ccttnncccg gtaatcgnc antttggan atctggnant nttaaaatat      720
gncntttata tatanttaat ttctttcann naaanttctg gnataggcct ggtnatttan      780
antnnnttnt tatttgngg nanancnntt tategtntan aanatttaac cncttntnt      840
tttctgnggc ccttttcgta taaaaacctt cntntatnt tnnngacaat nttntnttt      900
nnc                                                                    903

```

<210> 4279

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4279

```

angcnagagc ccacggaatt tncatgcctt tatcgagnen gcnccegcgc ggannnaaac      60
agcnggacnt gccncaagag nggantntgc nctttttttt gggccgncca nntcccacag      120
ncngangggg ggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn      180
aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc      240
acccttaact ggcagaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac      300
ctgtnagtga tgggaaggna agaaaaattc agnatggana anaanaatcn gggcacncaa      360
acaaattcac tganaantcc anaagnctat tnanaaacaa gatagcnatg agtncanatc      420
natecnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga      480
atactangaa tggattacnt ttccggggta nnataaancn ggggnantaa atgatnangg      540
gaaancccaa aanctaccn nnantcnang gantntggaa tnccttactc ttcatcaaga      600
ncatttccag nttctaaggg gaccccttta cnaanttnaa aanggattcn annttggcnt      660
ctnaagnggg ntgcgccggc ccnaaaaaat natnataatg gaccnggggn tcaaangnan      720
ctnacnggaa aaangaaagc ccggnaaagg accaggcntt tccaaggaan gaagggaaaa      780
tncccnegaa ancccccgga ataaantca anggggttac acaaaaaagc catccccncg      840
aattaancc aaaaaattgg gcagcc                                          866

```

<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4280

```

gaancactcn tnatcgnttg caggatccct cgattcgaat tcggcacgag gctgggactg      60

```

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| acagcctgca | gggttttcctt | gggcgcggcc | ccaaaattgc | cttcaaaaaca | aaccgcggac | 120 |
| ggttgaaagc | cttcgaaccg | tgcangggat | gcctcgggcc | ctggcccttc | gcttcctctc | 180 |
| ttgtgttatg | gaaataaaaa | caaataaaac | tacaaaaaaa | aaaaaaaaaa | aactcgagcc | 240 |
| tctagaacta | tagtgagtcg | tattacgtag | atccagacat | gataagatac | attgatgagt | 300 |
| ttggacaaac | cacaactaga | atgcagtga | aaaaatgctt | tatttgtgaa | atttgtgatg | 360 |
| ctattgcttt | atttgaacc | attataagct | gcaataaaca | agttaacaac | aacaattgca | 420 |
| ttcattttat | gtttcaggtt | cagggggagg | tgtggggagg | tttttaattc | gcggccgcgg | 480 |
| cgccaatgca | ttgggcccgg | taccagctt | ttgttccctt | tagtgagggt | taattgcncg | 540 |
| cttggcgtaa | tcatggcata | gctgtttcct | gtgtgaaatt | gntatccgct | cacaatttac | 600 |
| acaacatacg | agccccgggag | cataaagtgt | aaaagcctgg | ggtgccta | gaagtgaagt | 660 |
| aactcacatt | aattgcgttg | cgcttaattg | gccgcttttc | caatcgggga | aacctgtcna | 720 |
| ngccanctgn | attaatgaat | cggncacccg | | | | 750 |

<210> 4281

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4281

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|------|
| cctntnnncn | antanantac | ananntnntt | cacnncant | ntaatantnt | cctntctanc | 60 |
| tctcttan | tttacgcna | catatnncn | nnnctnatct | tctncanatt | ttananatat | 120 |
| acctnannct | ccatncanna | ggtngtnacn | nnggataaat | ngggngntn | gtaangagng | 180 |
| ctnatcnaac | tactaggttg | gaatnaattc | ctnccntntt | tctnactnag | ntnaatcatc | 240 |
| gtacgaggaa | aaaacaaagn | antancttan | gccttngaca | aggatatnag | cacctaattgt | 300 |
| actnntaagc | ttaacctggn | ggnaancccn | natanncgta | aantganant | annnaatgcc | 360 |
| acangtgnag | ntntgcatcc | cctgaaannc | tnanaacaaa | tgntaanga | ntatgnctgt | 420 |
| cttaantatt | ctttcactta | nttagttcna | ctgcanaccc | ccatcctggn | aggggttatt | 480 |
| cggnagttaa | ggtactttca | taagttntaa | acanaatgat | atntgntatt | acgntaacct | 540 |
| ttctcttgat | gacaatgana | aananaagcc | agtttccaca | gaagactana | naannannng | 600 |
| ttnggggtgn | tcctnctggn | ngntatcnnt | tnttgccana | cttttcccn | cattttaaaa | 660 |
| nngtnnaaca | nttnggaten | tttcattntn | nctttcggt | aannttttaa | tententnac | 720 |
| naattggaan | canatatttn | ncccaantnn | ncctttaaaa | atcttttagc | caacancttc | 780 |
| ttctannnaa | antngnaana | accctntnnn | atactaata | aanntgtgnt | attatnctna | 840 |
| cnttggttaa | aanaatonta | ttcttngnga | naccnnaatt | attcnggttt | cncctctttt | 900 |
| nncttnncna | nangcntent | naantggnca | caatanccgt | ctaaanctgn | gnatncacan | 960 |
| nttcacctta | cccttaenta | ntnantntnc | ttgananant | aantaggntc | ctcttagcct | 1020 |
| caaatnaaaa | taacttttnn | aacntntata | nctntgcaaa | cntntttnc | anncntnaat | 1080 |
| atccaatttn | cncg | | | | | 1094 |

<210> 4282

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1247)

<223> n = A,T,C or G

<400> 4282

| | | | | | | |
|----------|-----------|------------|------------|------------|------------|----|
| nnggatnn | cgcgtnncg | cnatgtgcna | nnaacacnan | tgtgtgntgg | ngcnctngtn | 60 |
|----------|-----------|------------|------------|------------|------------|----|

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|------|
| ttttacngnt | gatnacnnag | atnttnttnc | tcccnggnga | cgattgnaat | cctanacaga | 120 |
| ctacttggtg | ctntttgcag | gtacccatcg | attcgaatnc | ggcacggagg | cnancannnn | 180 |
| tngggacnng | gnttaantgg | cgncgnnnnt | nnnnacnana | gggnacgnan | annnttcnta | 240 |
| acaccttnnn | angttaatnn | actntgcagc | mntannnnct | cntaannngn | nngtancngn | 300 |
| nntnaggntn | nnngcagtna | cnaantangc | tacagnnnac | gntnaaatnn | ttngnnnnnn | 360 |
| naaaantgan | ggagncaa | agtgtntgnt | gnanncgtn | aanatnnggn | cagatnggtc | 420 |
| atnnggnnnn | tnnttnatnt | ggnaacntan | ttngnnantn | ntnggttnag | catnngnnag | 480 |
| natntnata | tnntaactg | ntntgaccaa | atncatnaac | nnaattactg | nganaaanc | 540 |
| ngccntntt | ntnnntatng | ntancnagan | ngtgagggcg | nngnagtgan | gatgtgtaga | 600 |
| annagntnng | aagtnatgcn | acacgtttat | atgtnnctn | tatcagngga | anangtatnt | 660 |
| ntannngttg | acngnnntnn | ngctaaagan | aanaggnnna | gcgagannng | agnntctgt | 720 |
| acagantccc | ncnaantgtn | ngnccgncga | anaatcnata | taattcnnta | tgggtatcnn | 780 |
| tgtagggggcg | ttcnacacga | tnaattatac | tnacgattcg | tangttntctt | acncaatanc | 840 |
| gncgctggn | anannmntcn | anntcgcgaa | actatagtan | cnncggnnagg | gnaaagatnc | 900 |
| annngttag | caattaaana | cnangcantn | nntgnnggan | atgtacgtaa | ccatantggn | 960 |
| tactactan | nntacatgng | ntntatnttn | tgncgatgat | atcgatanant | atatagtncg | 1020 |
| antgatntat | natnctctac | tnatagantt | gtatntnnac | anaagatnaa | tatctacatn | 1080 |
| tantancana | gatangctgc | aatnactgg | ngnacacntc | atanataana | ccnncaanan | 1140 |
| tgcgannnat | catnatagag | tgactntatt | atannaaaaa | taaccantnc | gtganatnga | 1200 |
| nnntnaatnt | acgtggttng | atgatcgcta | cgtanaaccn | cngnncn | | 1247 |

<210> 4283

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 4283

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| cctgctgtng | ggnanatana | ncgtgctcnn | tttgtaacttc | ccognatggn | ccatcnacnc | 60 |
| gacgagccta | acgcttggtca | actngngggga | tcngantng | agantgactt | tgtgncatnc | 120 |
| ntgantanan | ctgtangttn | gtgaaancca | nactacnnng | cctcngnctc | atcacctctt | 180 |
| acacattccn | nanantnncn | cagtctnnan | aangagnct | ngatnannaa | naagagnctn | 240 |
| tgannnaaca | ggntnnnnaa | gcnnngnnnn | actnanagen | tgngaantga | ncgnnnnctt | 300 |
| ggtctgngtc | cggtagaag | acancantng | cncanngaen | ggnnanncgn | caggccantn | 360 |
| aangnagcnt | gcgntnannt | tnnatgaagt | tgagnatggt | naacnnaatn | tcnaacngnn | 420 |
| ctntgtncnt | gnnngnnaca | cntgcctgan | aancntanan | ancnngnant | agantncnnn | 480 |
| aacncngatc | ttatanncac | tttggaanaa | gcactnatcn | cctnacnggg | catcctnttt | 540 |
| gagancagga | canctgttgn | ngggacgccc | catgacacng | gccagaana | ctccgggttn | 600 |
| tttgnntttc | agcnnnaaan | ggcgaagtga | tttcctnttn | cntncngngn | acncatnggc | 660 |
| tcatgncccc | cctnaaannt | ntttannngn | cntcgtana | cacctnnat | ngcnaanggc | 720 |
| ccaangntnc | nanttcgcna | ccntttacca | tnaaggatat | taccnnaacc | gtgccctttt | 780 |
| gantngccag | ncnattggnn | ntttntttgn | accatttngg | naaaggggca | aantntttan | 840 |
| ncgtcnc | | | | | | 847 |

<210> 4284

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4284

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|------------|-----|
| gncntttgan | ttcatatata | agctacttgt | tctttttgca | ggatcccatc | gattcgctgc | 60 |
| agcgtctggn | gtttncnttg | cagncctcgg | aaccagnacc | tcngcgtggc | ctacagagtt | 120 |
| atggcgacaa | naggccgtgt | gcgtgctgaa | tggcgacggc | ccagtgcagg | gcatgatcna | 180 |
| tttncagcng | aaagananta | atggaccagn | naacgtgtgg | ggangcattn | aaggactgac | 240 |
| tgaangcctg | catggattcc | atgttcatga | ntttngagat | aatacatgag | gctgtaccan | 300 |
| tgcaggncct | cactttantc | ctctatccan | aaaacanngt | gggccaangg | atgaanagag | 360 |
| gcntgttgga | nacttggnga | atgtgactgc | tgacaaaaga | tgggtgtggnc | nnatgtgtct | 420 |
| attgaagatt | ctgtgatctn | actctnagna | gaccatttgc | ntcattggcc | cgtacactgt | 480 |
| tgggtccatga | naaaagcaca | tgacttgggc | aaaggtggaa | atgaagaang | tacatngaca | 540 |
| ggaaacgctg | naatgatttg | gcttgtngtg | taattggngat | ccccnaataa | acatcccttg | 600 |
| gatgaagctt | gagggccctt | aattcatttt | ttnantccng | nnaccttggt | aantggnaen | 660 |
| tggaacactt | aaccctttnn | tttnttaaaa | ggagaaanng | tnttntnttt | nanangagtt | 720 |
| ttttaanccc | cttgggtcgan | aaaanttnnt | ttttnatttn | t | | 761 |

<210> 4285

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4285

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tnnctaatan | nanaatnctn | cttnttgntc | tntttgcagg | atcccatcga | ttcgannntnc | 60 |
| ngangaggag | annctgtcgg | ncatgtggtg | gaancnggnt | ncggacntgn | catngnctng | 120 |
| tgcctngtga | actacaggca | ctgncnnttt | ggaacaactc | anggcattca | tgcaaggctc | 180 |
| atnccctgtg | nannaannng | gactaacatt | attggtgcgg | ctnccnaagc | atggtntcnt | 240 |
| natggatgna | ttctgtccct | gtgncnntga | tannntatna | annnactgaa | gatnncnatn | 300 |
| aagttaaatn | taaagagnat | ggcntatnaa | cngatcaggt | angganntac | nntggcaacn | 360 |
| cgagacactg | tnngtncaag | agcgcnntgn | ggcntgctca | ataactngng | ccacaggcna | 420 |
| cacnataatn | tactctatan | atgcnctcaa | tacnccggtn | acnntnnnna | ggacngntca | 480 |
| ttattangen | ctcctggact | gnaccgnact | tgtctctgna | cagngatnnn | ccnctnccct | 540 |
| tanaaagnag | ttcctacnaa | acntgntang | cattatanan | gtatgcctgc | attngaactg | 600 |
| nacgtctntg | agactntcaa | taacgtggtn | canttgnnat | tncaagccac | ntatttgagn | 660 |
| gataacnntg | gcgantgatc | atncttactn | ggcccttaat | gttcncannt | tgcantnagc | 720 |
| tngcentcca | ngaaaacctn | gttttcccg | ttggganata | aaaacnggga | ncctggaatg | 780 |
| caatggnaaa | aanccgntta | gaann | | | | 805 |

<210> 4286

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4286

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tnnctaatan | nanaatnctn | cttnttgntc | tntttgcagg | atcccatcga | ttcgannntnc | 60 |
| ngangaggag | annctgtcgg | ncatgtggtg | gaancnggnt | ncggacntgn | catngnctng | 120 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tgccttgtna | actacaggca | ctgncnnttt | ggaacaactc | anggcattca | tgcaaggctc | 180 |
| atnccctgtg | nannaanngg | gactaacatt | attggtgcgg | ctnccnaagc | atggtntcnt | 240 |
| natggatgna | ttctgtccct | gtgncnntga | tannntatna | annnactgaa | gatnnncnatn | 300 |
| aagttaaatn | taaagagnat | ggcntatnaa | cngatcaggt | angganntac | nntggcaacn | 360 |
| cgagacactg | tnngtncaag | agcgcnntgn | ggcntgetca | ataactngng | ccacaggcna | 420 |
| cacnataatn | tactctatan | atgcnctcaa | tacnccggtn | acnntnnnna | ggacngntca | 480 |
| ttattangen | ctcctggact | gnaccgnact | tgtctctgna | cagngatnnn | ccncgtncct | 540 |
| tanaaagnag | ttcctacnaa | acntgntang | cattatanan | gtatgcctgc | attngaactg | 600 |
| nacgtctntg | agactntcaa | taacgtggtn | canttgnnat | tncaagccac | ntattttgagn | 660 |
| gataacnntg | gogantgatc | atncttactn | ggcccttaat | gttcncannt | tgcantnagc | 720 |
| tngccntcca | ngaaaacctn | gttttcccgg | ttggganata | aaaacnggga | ncctggaatg | 780 |
| caatggnaaa | aanccgntta | gaann | | | | 805 |

<210> 4287

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4287

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|-----|
| gncntttttg | aattcanata | caagctactt | gttctttttg | caggatccca | togattcgct | 60 |
| gcagcgtctg | gggtttccgt | tgcagtccctc | ggaaccagga | cctcggcggtg | gcctatcgag | 120 |
| ttatggcgac | naaggccgtg | tgcgtgctga | agggcgacgg | cccagtgcac | ggcatcatca | 180 |
| atttcgagca | naaggaaagt | aatggaccag | tgaagggtgtg | gggaagcatt | aaaggactga | 240 |
| ctgaaggcct | gcattggatto | catgttcatg | agtttggaga | taatacagca | ggctgtacca | 300 |
| gtgcangtcc | tcactttaat | cctctatcca | gaaaacacgg | tgggccaaaag | gatgaagaga | 360 |
| ggcatgtttg | agacttgggc | aatgtgactg | ctgacaaaaga | tgggtgtggcc | gatgtgtcta | 420 |
| ttgaagattc | tgtgatctca | ctctcaggag | accattgcat | cattggccgc | acactgggtg | 480 |
| tccatgaaaa | agcanatnac | ttgtgcanag | gtggaaatga | agaaagttca | aagacaggan | 540 |
| acgctggaag | tcgnttggct | ngaggtgtaa | ttgggatcgn | ccaatnaaca | ttcccttgga | 600 |
| tgtagtctga | gccccttact | catctggtat | cctgctagct | gcagaaatgt | atcctgataa | 660 |
| cnttaacact | gcattcttaa | agtgtaatgt | agtgactttt | canagtgcct | taaagtacct | 720 |
| gtagagagaa | ctgattatga | tcactt | | | | 746 |

<210> 4288

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4288

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| nnatatnang | gnnnctnntt | acttgcctctn | tctgcaggat | cccatcgatt | cgagaccaac | 60 |
| ccgcctgcag | gaggtctctga | acctcttcaa | gagcntctgg | aacaacagat | ggctgcgcac | 120 |
| catctctgtg | atcctgttcc | tcaacaagca | agatctgtctc | gctgagaaag | tccttgcctgg | 180 |
| gaaatcgaag | attgaggact | actttccaga | atttgcctgc | tacactactc | ctgaggatgc | 240 |
| tactcccag | cccggagagg | acccacgcgt | gaccgcggcc | aagtacttca | ttcgagatga | 300 |
| gtttctgagg | atcagcactg | ccagtggaga | tgggcgtcac | tactgctacc | ctcatttcac | 360 |
| ctgcgctgtg | gacactgaga | acatccgcgc | tgtgttcaac | gactgccgtg | acatcattca | 420 |

| | | | | | | |
|--------------|-------------|------------|------------|------------|------------|-----|
| gcgcacatgcac | cttcgctcagt | acgagctgct | ctaagaaggg | aacccccaaa | tttaattaaa | 480 |
| gccttaagca | caattaatta | aaagtgaac | gtaattgtac | aagcagttaa | tcaccacca | 540 |
| tagggcatga | ttaacaaagc | aacctttccc | ttccccgagt | gattttgcga | aacccccctt | 600 |
| tcccttcagc | ttgcttagtg | ttccaaat | agaaagctta | aggcggccta | cagaaaaagg | 660 |
| aaaaaaggcc | acaaaagtnc | cttttacttt | cagtaaaaat | aaattaaaca | gcagcagcaa | 720 |
| ccaattaaaa | tggaattnan | gaaccaatga | aataatnttg | ng | | 762 |

<210> 4289

<211> 1563

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1563)

<223> n = A,T,C or G

<400> 4289

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| gngaannaaa | ggaacgaccg | gnaaaaangn | naccgcggcg | nncacngacn | gnnaatacnn | 60 |
| ngcgacggnn | cgtgnaaaag | nggngaggcg | naagtgggcn | naaataaana | aaacgcggcg | 120 |
| agagcancng | nngaactann | tngcagaaga | gatggtmnan | gcacggagng | gnccgttttt | 180 |
| gaaaaccncc | tcggtncaan | gccccncgga | naaatngtac | gcgtgngtaa | gaaaggccng | 240 |
| nnaccgtgna | aantcgtgcc | gnntggagcg | agcgnagaaa | anncaagtgc | naagacgacg | 300 |
| aantttttgt | gncncnagtg | ngaanannag | gtggcnacg | ngggnggggg | ggggnatgna | 360 |
| gangngaata | gtagnngnan | gntaaaaanac | ncgcgngnng | gacacaaaag | angganancn | 420 |
| natngggna | gagaantnng | gtaancgngg | nnaggagaag | cgnnngnana | ggngnaggta | 480 |
| tngnangagc | gnancannng | atncgaggga | aaagcggngc | gagaaacatn | nntnacgaca | 540 |
| atggngcgag | aggaaaacggn | gcngcggaan | nnnaaanna | ntagagagan | acnngnagnt | 600 |
| ggnananaaa | ngngggngga | ggaanngggn | nnganggaga | tagagncacg | gggcgtgana | 660 |
| nacaaacaga | aagtgcagtg | nnatagangn | ncgnaacntg | nangangngg | catannnnngg | 720 |
| gananaagata | anntccnaga | tagagacgac | ggggcgcnta | nngnnnnnaga | ttgncggaca | 780 |
| ancgctgatg | cgtncnnang | ntgagagaaa | gcgangncan | ctcagggggg | ggaagggnng | 840 |
| tgtagnagagc | gnacncaa | ggagaaagaa | cggtggaaga | caacgacgcg | gngnacacac | 900 |
| gntngagacg | tgggcaaaca | nagcncangn | tnantngagt | gngncgatgt | aagtgcantg | 960 |
| aaacatacna | nctcggngng | aggggnataa | aanaggaatg | ngnggnangc | gaaganaagn | 1020 |
| ntntncgtaa | anaactagan | ggncgcanaa | nnnggngagg | cgaagacgat | ganannangan | 1080 |
| aaaggnggat | cnaacggann | nncgatgcn | attntggcnc | acngtaatat | atggannagc | 1140 |
| gaggacatng | gcgnnnngaga | angccggaan | gacggaagat | agaatgnaan | attgngggga | 1200 |
| gngnnagnaa | tgaacgnnna | ngacgngcag | gtttgngagn | ggagnangaa | ggggagggac | 1260 |
| gacgagggtg | gtagnngagn | nggacgagtg | ancgcngagt | gagatncaag | gacgaagana | 1320 |
| nacnnngngg | anncgtagnt | cgcgataacg | nnataangag | nnanagnnga | nncanatacc | 1380 |
| gaanncnaga | nncacgtggn | ganntgcaaa | aaaagaancg | ggntngggcan | gacgatgcgg | 1440 |
| nnngagaagg | ganaaatnac | ncagggaann | tgggngaac | nncaatangn | gtncnangcg | 1500 |
| gaaaaangng | ngataaggna | anganggata | gcnancgggn | gacnanngtn | ncnagnagaag | 1560 |
| ccg | | | | | | 1563 |

<210> 4290

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4290

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gaagtngctc | ttgttctttt | tgcaggatcc | ctcgattcgc | tnacgtgtcg | ncggggcggt | 60 |
| cgcagacttc | agggtnctct | aacgggagagg | ccaggcnccg | cgtggccnga | caactncctg | 120 |
| nccgctcctt | cagcaagtga | ctgtctntnn | cactncttac | ctgctgaang | atctngctca | 180 |
| gcngctggaa | caatgctgct | gtnacacant | ctcnnctntg | cnacttnagg | atgctncttg | 240 |
| gtcaccagg | antggganct | gtagaccngn | cgcatgcact | tnncnecat | tactgctga | 300 |
| ctggcttanc | tggnatangt | tcnagngacc | gggacttntc | ttanagtcag | nagccctcnc | 360 |
| aactacntca | tacntcgcga | tctgannatt | ttcacagagg | nnttntcttn | gaagnngact | 420 |
| tggcaagnct | tacaagttga | tnnatngnna | ttggnaantn | cntttcttca | aatgctaaaa | 480 |
| ntcatgtcct | cataaatgca | antgatttta | gancacaann | tccccatgta | cannttccat | 540 |
| tanttaaact | agaccaatgt | gtacgggtca | tttgngtat | tgnggaacat | cnnngttact | 600 |
| ggaaangact | attaanattt | cacagatggg | cttnatcaan | ttgctangaa | ttngtctcnc | 660 |
| taagtgtagt | taacttgcag | aatccaactt | aactncnagn | nnaantttca | aaactgatnc | 720 |
| tgtgaatgga | tggggancat | cttaactntt | ng | | | 752 |

<210> 4291

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4291

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| annnnnnnnn | nnnnnngnnn | nnnnnngggg | nnnnngnnnn | gnnnnnnann | nnggnnnnnn | 60 |
| nngggnnnnn | nnnnnngggn | nnggngncng | atangnagac | ccgttnatac | aacgacccac | 120 |
| ggancggann | cggcacgaga | agcngcnagg | gccaggngnn | aannnnanag | gnnnagnngg | 180 |
| acncngnnan | gaaaaganag | gnnaggggng | ggcgacagg | nganacagnc | nnagaaaaag | 240 |
| caggnaannag | caaagnangg | gaaagcnagc | gggcangcnc | gcnaaccngg | ggaacgnccc | 300 |
| cnnnaaacacn | nncnaaacnc | gngagccncc | nnnaacgaag | gaggaggagg | agcaaaccnn | 360 |
| nncncggggac | gganncagna | agagggccag | cgcccangga | naancacaag | nanganagcn | 420 |
| ggaacnggcn | caaanacngc | agcaaagnca | gcanaganac | gcaaagggnac | aaagannnng | 480 |
| agccaggcan | nagncnagac | acagnaaggg | aacagacaga | naggcanncg | aggccnggaa | 540 |
| ggagcgnaca | anccgngngg | nnnnaaagcn | aaangnanna | aacangagcc | anncngaggg | 600 |
| angacagcca | gnannaaaca | naaaggccgc | acgnacacag | cagcgnngcn | aagcgggagg | 660 |
| agccnaaaan | aacanangna | cggngggccc | ggcnacagng | gccacgncnn | cgggggncnn | 720 |
| ggcncccaag | gggagggccn | aagggggngg | gnnngaacnn | cccnggggga | cnanaagngg | 780 |
| ggncncncca | gnccgggggn | aaccggggng | ggaaacccca | nccncggagn | gnaaaaaggg | 840 |
| cccaaaaanng | cccagnagga | aangnngcng | gggcaaaacn | g | | 881 |

<210> 4292

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4292

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| aangnnngng | ggnttgnttt | nntggntggg | ntgttattcn | tggcgctctg | gctacttgnt | 60 |
| nnatttgnat | gnatncgggc | gntncgannn | gntgtntctgn | gttnnatctt | ntaaatngct | 120 |
| tgtccttatt | atgttgttgn | ttaacanctt | aaacgctanc | tctagaccag | gaataattat | 180 |

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| ttgctatata | ttacagcaaa | aaatatgtat | gtntaaatgg | actcattcaa | gaatatataa | 240 |
| gngaactcct | attacaaaga | aattgncaaa | cagcccagta | tatnaatgaa | tataaaaatt | 300 |
| tgagaagata | ttttncatng | naagatntcn | aantgaacat | tnggcatggn | aaaaccaaatt | 360 |
| tttaggatata | nactacacac | tctggncatg | tttaaaagac | tganaaatatt | aagtgtgtgg | 420 |
| naatgtnnan | caantggaaa | tggcctgcat | ntngcatnga | aatgtaaaac | antacatata | 480 |
| ctntgcaaaa | ctctgtccaa | cattntctac | ccattnacca | agcaactnca | tcncctagct | 540 |
| atanataccc | agggaaaata | agtanggtat | cttcacagaa | atnattgtat | gaagaaatat | 600 |
| tcatagttac | ttattgcacn | tgtcagttat | cangtnaanc | tgtctcncat | cnggaaaaat | 660 |
| gggatatcaa | aattgggtgtg | gataatnaat | acaancaatt | agggatatta | cttggngcna | 720 |
| aacaaaaaat | gaanacangg | ggaaaatnca | cattcaaacc | aaantangtg | gcatattata | 780 |
| cccacg | | | | | | 786 |

<210> 4293

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4293

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| angcnagagc | ccacggaatt | tncatgcctt | tatcgagncn | gcnccegcgc | ggannnaaac | 60 |
| agcnggacnt | gcencacgag | nggantntgc | nctttttttt | gggccgncca | nntcccacag | 120 |
| ncngangggg | ggttaatnnc | ngaacgctgn | agaatannta | ttgatgagca | ncngagaagn | 180 |
| aacatgnnca | tggccaccag | gcncgnccac | tcacngcaaa | agtgaccaag | ccagcangtc | 240 |
| acccttaact | ggcagaaaacc | aanatcaggg | nggnagnccg | gacttnaaat | gcnnagaaac | 300 |
| ctgtnagtga | tggaaaggnna | agaaaaattc | agnatggana | anaanaatcn | gggcacncaa | 360 |
| acaaattcac | tganaantcc | anaagnctat | tnanaaacia | gatagcnatg | agtncanatc | 420 |
| natccnantg | gncntntaat | mntacaacca | anccttaacc | ttccactcta | aaggggaagga | 480 |
| atactangaa | tggattacnt | ttccggggta | nnataaancn | ggggnantaa | atgatnangg | 540 |
| gaaancccaa | aanctaccn | nnantcnang | gantntggaa | tnccttactc | ttcatcaaga | 600 |
| ncattttccag | nttctaaggg | gaccccttta | cnaanttnaa | aanggattcn | annttggcnt | 660 |
| ctnaagnggg | ntcgcccggc | ccnaaaaaat | natnataatg | gaccnggggn | tcaaangnan | 720 |
| ctnacnggaa | aaangaaagc | ccggnaaagg | accaggcntt | tccaaggaan | gaaggggaaaa | 780 |
| tnccncgaa | ancccccggg | ataaanctca | anggggttac | acaaaaaagc | catccccncg | 840 |
| aattaanccc | aaaaaattgg | gcagcc | | | | 866 |

<210> 4294

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4294

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| ggnnnnnnnn | cnggnttnnn | nnnttgcttc | tnagccttng | catttgactc | ctgcaggatc | 60 |
| ccatcgattc | gaattcggca | cgagcttttag | ttcagataaa | ggaaacatcc | aaaaatactg | 120 |
| agatgagtaa | aattttattc | aaagtaggtt | cctgctttgt | cttgatctca | atccattcta | 180 |
| actcctgatg | tcattttaccg | tgtgagatct | tagtacaatc | atgaaaagaa | tatgagcatt | 240 |
| tatcaaaaact | ctctgacatc | tgtatgttta | gaaatgaact | tacacagcaa | aatatgattt | 300 |
| ccttgacatt | atttaatttt | tctaacttca | atttctacct | atgtgtctct | gccagtttga | 360 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| cctgattcag | acaccagaa | cttgaataaa | gaagccctct | tctattttca | ttcttaatga | 420 |
| atataccttt | tcccatgtcc | acattgagcc | tcccttctgt | gtactctgct | aatgcagcca | 480 |
| catgtctagt | tccccctctc | tgcaccaccc | tcacttcttc | tttcccatct | tcttacttct | 540 |
| ttggtgtgac | ctctctgtag | gacaacatgc | catttctgat | tccccacaca | cataccctat | 600 |
| cattgatacc | taccctcang | gattagaatc | tggctagtaa | tttgggaagag | cccatcaagg | 660 |
| ctttagtaaa | gtattggact | ggnaagtcaa | caccattat | ctcatcaaaa | gggatgctgt | 720 |
| gttgggggca | nanggagaga | gagagagaga | gaccganaga | gagacagacn | gagagagaga | 780 |
| aaggaat | | | | | | 787 |

<210> 4295

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 4295

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ggnttnnnnt | nntgccttan | aagccttgen | tangatgecn | ttnggatccc | atcgattcga | 60 |
| attcggcagc | agggaaacat | gagaaccgaa | gctagaattg | ctattgaatt | actttatttt | 120 |
| ctcttccctt | attgggtaga | gatacatcat | tactggcctc | aggggtttac | caaagaaag | 180 |
| ggtatttttg | agcaaataat | gtgatttctt | ggctattttg | ttgggggctt | aagatttttt | 240 |
| tttttcaa | gcatttttag | tcactaaaaa | ttaactgtcg | taccatctag | aactatactg | 300 |
| tccagtacca | tagcctctag | ccgtatgtan | gctattttgta | ttaagattaa | ttgaaatttt | 360 |
| aaatccagtt | cctcagtcac | actagccact | ttctaagtgc | tcagtagctc | tgtgtgacca | 420 |
| gcggctactg | tattggatat | tatagaaggt | tctttcattc | aagatcatca | ttcttgacag | 480 |
| accataaat | atttcctata | aagactgtag | aagtgtgttc | tggagggttt | gctctccaaa | 540 |
| aagaattgta | atatagagta | gaattgggat | agagtattga | anacactggg | tttagacatt | 600 |
| ggatatttta | aatgattgng | gtgttcaatt | catgtgctgc | ccaactggag | ttatctagt | 660 |
| gatattgacc | ctcactggct | tgacccaaa | cccgggaatag | aaaggcagg | aattcctgaa | 720 |
| attctaattc | taaaaatttg | gcaatggaaa | aagccctttt | nccctaaaa | tantcccatt | 780 |
| nttgtaaat | ccttg | | | | | 795 |

<210> 4296

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 4296

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| taagttgctc | tggtcttttt | gcaggatccc | tcgattcgaa | ttcggcacga | gactggagtt | 60 |
| aaggaggtag | atgacttctt | tgagcaagag | aagaacttcc | ttattaacta | ttacaatagg | 120 |
| atcaaagatt | cttgtgtgaa | agctgacaaa | atgaccagat | ctcataaaaa | tggtgccgat | 180 |
| gactatatcc | acaccgcagc | ctgcttacat | agcctggctt | tagaagagcc | cacagtcac | 240 |
| aaaaagtacc | tattgaaggt | tgctgagcta | tttgaaaaac | taaggaaagt | agagggtcga | 300 |
| gtttcatcag | atgaagattt | gaagctaaca | gagctcctcc | gatactacat | gctcaacatt | 360 |
| gaagctgcta | aggatctctt | atacagacgc | accaaagccc | tcattgacta | tgagaactca | 420 |
| aacaaagctc | tggataaggc | ccgggttaaag | agcanagacg | tcaagttggc | tgangcacac | 480 |
| cagcangagt | gctgccagaa | atgtgaacaa | ctttccgaat | ctgcaaanga | agaactgatn | 540 |
| aatttcaa | ac | ggaaganagt | ggcagcattt | anaaagaatc | taattgaaat | 600 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gaaataaaaac | atgccangaa | caatgtctcc | cttttgcaga | ctgtattgac | ttgttcaaga | 660 |
| atactgatat | gccttcctca | gaagaaaaga | aatgaatgtg | aaagaaagcc | agcctcactg | 720 |
| ccttaaataca | ttaccggaa | | | | | 740 |

<210> 4297
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|------|
| <400> 4297 | | | | | | |
| cccgcata | aanananacc | cngngnacna | annacacacc | cannaanana | taatanngcn | 60 |
| ataagnnnac | angggggaac | aggggantan | ggncgaatga | ngacnncaat | tnacaggnat | 120 |
| ttaattccaa | nnennnnana | ctacngnccc | nnanatcnna | cgagnatnca | ncccaagnag | 180 |
| nancngacan | tcagangagc | gtnttacaan | nacngcaann | acnngaccag | ncnggancga | 240 |
| taanggggn | caaancanna | nttccangga | tcangcatag | tacnaccnct | gaatnggtac | 300 |
| cattncnact | ttacncnnga | cnaacaagta | tccctgntgg | cctnaaaatn | caagttgaaa | 360 |
| atnaantcng | aantctncca | gancaaaan | gacatncann | ccnatnnntt | anantacnaa | 420 |
| ntatcnaatg | ntanaaatcc | atgggnaaga | cataaaaact | nncagctata | naaananctn | 480 |
| ntaaanggct | attnggatnt | aaaaaccana | tnatnnnacc | ntncaacnac | ctannnnntna | 540 |
| agaaancann | tnnncaanaa | ntacnancca | atnnncagan | ggacgnnaaa | tgnnnacant | 600 |
| cangaaattg | aaaccngana | agncccnatn | naangnnnta | aaaacntcag | cggcaaattcc | 660 |
| cncatnccac | naanggnntn | ncggaaaang | gnnnntaact | ggntaacncc | natantntaa | 720 |
| aacgggaacc | atcgccaatg | cgtnccgtan | ccaacanann | taaancgatc | nacannacca | 780 |
| cagnnnnta | ttnaagaatc | tnganannca | cacttacnna | ttcaaatagg | ngncntnnnn | 840 |
| tgnatatnta | ncnnatnngc | cacatctnat | ntatcaccnc | annctcanng | ntcnnacanc | 900 |
| atggagagca | ttcngngana | caancgngtg | annancacat | cncancanng | cgaaacncca | 960 |
| natatntacn | tgggtantca | ncgcgnaact | gcgcgcgcgn | agnatnagat | cacattatnt | 1020 |
| gatactacag | ctaaanngac | acacattaca | nngtntntac | anaaataactn | tacntntcan | 1080 |
| acncmntaca | cacaaaaatt | acctcanagg | gaganannta | catatctnaa | aacanccccn | 1140 |
| anantnancn | naaaagactc | cntacgcgna | nanagtgcgc | tctcgnaann | g | 1191 |

<210> 4298
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 4298 | | | | | | |
| ntnccgtttnn | ntanaacntt | gntcttttn | tctgcaggat | ccctcgattc | gctaacaagc | 60 |
| gattctaaac | cacctatgag | tatttctttt | agggctcact | taaatacatg | tttgtatata | 120 |
| ctgtattcta | gccagaataa | ttttagatct | gatcaggtag | tagctaaaat | tagaaaaaaa | 180 |
| caaaatagat | gcttaaagaa | tttgcattca | tttttgagtc | taaatctttt | aaaatatact | 240 |
| gagatccaca | tctagtgaag | tgctcagtgc | aaaatattat | agattatagc | taaaatccag | 300 |
| attaatactc | atttgggggt | ttttatagtg | gaacttcata | gtaatacaaa | aagcagattg | 360 |
| tcttctgtgc | tccgctgctc | ccacagtagg | tattgaaact | ggtaaaatca | gttttttgat | 420 |
| agtgtgtgta | tataagaaaa | aatagatata | cacattcttt | tttctcagtc | aacacattga | 480 |
| ttgaacactc | tggcaaagat | gctgtgggtg | atgagggttg | agttcgaaag | aagaagcaag | 540 |

```

cgctggcctg ccttgaaaga accgaagtct ttcccattca cttctctaga aagctgccaa 600
ggacagaggc agaaagaatg gatgaaantt ctgtcaagca cacttctggt ctcttaaaac 660
ttagaagtgg ttctaanaga acagaagtat tagagaaaca gttcctgtgg aatcacatct 720
ttgggtggna cccattgctt ttttctggt tga 753

```

<210> 4299
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

```

<400> 4299
ntnctgtttn ntanaacntt gntctttnan tctgcaggat ccctcgattc gctaacaagc 60
gattctaaac cacctatgag tatttctttt agggctcact taaatacatg tttgtatata 120
ctgtattcta gccagaataa ttttagatct gatcaggtag tagctaaaat tagaaaaaaa 180
caaaatagat gcttaaagaa tttgcatcca tttttgagtc taaatctttt aaaatatact 240
gagatccaca tctagtgaat tgctcagtgtc aaaatattat agattatagc taaaatccag 300
attaatactc atttggggtt ttttatagtg gaacttcata gtaatacaaa aagcagattg 360
tcttctgtgc tccgctgtgc ccacagtagg tattgaaact ggtaaaatca gttttttgat 420
agtgtgtgta tataagaaaa aatagataca cacattcttt tttctcagtc aacacattga 480
ttgaacactc tggcaaagat gctgtggtgg atgaggttgg agttcgaaag aagaagcaag 540
cgctggcctg ccttgaaaga accgaagtct ttcccattca cttctctaga aagctgccaa 600
ggacagaggc agaaagaatg gatgaaantt ctgtcaagca cacttctggt ctcttaaaac 660
ttagaagtgg ttctaanaga acagaagtat tagagaaaca gttcctgtgg aatcacatct 720
ttgggtggna cccattgctt ttttctggt tga 753

```

<210> 4300
 <211> 850
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(850)
 <223> n = A,T,C or G

```

<400> 4300
gctnntgacc annntanngn tnggaatcnc antcgttnna tngcncntng attcgaattc 60
ggcacntggn gtctnnctgn tctgtgttgg caagggttag ttnccaagtg agcaagatng 120
ttccctncta acaggctccg acgggtgaac agtntgngtg ntatccatac ncaggcacat 180
gccatcggct tacagcangg tctcaactg gtgcctgtcg gccctggggg angaggcaaa 240
gctgtggctc ccagcaaagc agancaaaaa gagttcgccc atggatcgaa cantgacnag 300
tatcngcnac gccgagagag gaacatcatg gctgngaaaa agagccggtt gaaaagcaag 360
cangaaagct caagacacac tgcaagagtc aatcagctca naagaagata atgaacggtt 420
ggaagcaaaa atcaaattgc ntgaccaagg aattaaatgt nctcaaanga tttgnttctt 480
gagcatgcac acaatcttgc agacaacgtn cagtccatta ncacttgaaa aatttcgaca 540
agcagatggg ngncaatggc acggaccant tgacccttaa ccccttttcc aagactttta 600
naagcttгна ggctttggaa tggctaaaaan ggtggtggac ccccccgnaa cctcnnatcat 660
tgtcanengg gcntnaaaaa ntttggccca tttntccent tgaacttcan nagnacccca 720
tttggttagc ctatttttcc tggggganmn aaatccctnc aataantnt nnnntnnnncn 780
ttaaaanngn ttnnccnttn ngnatcccg attatccngg gnttttataa nggatnanan 840
ggntttttct 850

```

<210> 4301
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (790)
 <223> n = A,T,C or G

<400> 4301

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| cnatcatctt | tgntttctata | ctcagcttgc | ntgtanagna | ngtccggggtt | accgnncncc | 60 |
| anngtaccct | atanngantn | gtantacaaa | gagactnann | gcnnntnaaa | ggcgcggtta | 120 |
| ctacananna | cnnantngtn | acncnctngn | atcaccnanc | ttaatctcct | tgtancacat | 180 |
| ncctnctttt | gccagctngc | ntgatngcga | agaggncctt | accnatcgcn | cttncaaaca | 240 |
| gatngggcaa | actgaatggc | aaatggacnc | gccctgaacc | cncgcatnaa | gcgctgttgc | 300 |
| tgtgcagggt | acccgcncag | tnacccanta | cacttnccan | cgccctagcn | ccctttcctt | 360 |
| ccctttcttt | tcnttaagta | cncennatnt | gcgnnggatn | ntnnnantaa | gctntnaatt | 420 |
| ttaggcttcc | natacngtnc | ntaantagng | ctttaccgca | cntngatcnn | tnaaaantng | 480 |
| nntanggtna | nggggtcanat | accgtgccat | accctttag | accnttnntt | ncnttgaac | 540 |
| gtngaagtan | atcgcttctt | aataatncac | tcttggancc | aaactggaac | cananctcga | 600 |
| cccaatctnc | nggntatntn | ttnggattta | taaagngatt | antgcccttt | gtnnnaacta | 660 |
| ttggggcttg | anatntgncc | aanattttta | cgatgaaatt | ttaaaccgcg | aaatttttaac | 720 |
| ncaaaaaatt | ttaccgcttt | ancaatgtta | tttggaatgc | ctntaaacce | cctttntann | 780 |
| tcnctcccc | | | | | | 790 |

<210> 4302
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 4302

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| catatatctt | tgattcctnt | naacccttnc | naactacttg | ttctttttgc | aggatcccat | 60 |
| cgattcgaat | tcggcacgag | ccaacgatct | gtatcaacca | cgtcttcatt | ttccttttcc | 120 |
| tgtttgnctt | actctcccc | caaaaagagt | cagtttcctg | ttttctcaat | ttctcagttt | 180 |
| aaaattagag | ccctatggca | ggtgccatgt | acagctgcaa | aggtggcaag | aagccctgag | 240 |
| aaagctcaag | aacaggtcaa | gggggtgggt | aaggaagatg | ggacgttcaa | gcagaaacaa | 300 |
| aaagaggagc | taaaagtga | agccaccccg | ccaccagccc | tcaccagtca | caggtggaat | 360 |
| taaagaaatc | tggcaaaaa | taaattttgt | tatccgtgct | tggggcggtg | acccttgacc | 420 |
| ccattcctat | ttaaaccatc | ggattctctg | ccataacatc | ttttgccacc | tatagctaca | 480 |
| ataaagtgtc | gtcttggagt | ctgttgtaca | tttaacaata | aactttttgt | naggaaagta | 540 |
| aaaaanantc | tacagttcaa | tgcaggatan | ggatgggtgg | gccttaattc | aggaggtggg | 600 |
| aggctcaaaa | tcaattactc | tgtttganga | gatggaatct | nctggaatct | caaaaangga | 660 |
| tttnttttta | ngaatcatca | agactcatcc | cgacttcgtc | aagtcttttc | tcttggtggg | 720 |
| agttatgggt | ttggntttta | attttngttt | tggttttttt | ttttgggggg | ggnaa | 775 |

<210> 4303
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (940)
<223> n = A,T,C or G

<400> 4303

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| gtttcataca | agctaactng | gttttttttta | aaagccccgt | ttcccccaate | ggnattttgng | 60 |
| gtgcnactgc | ggggaggagg | ancccntacc | ngangnacc | naattgcggg | ccacgggagg | 120 |
| gcgtanacac | ttttnacngn | gtanatggcc | ggagnnggng | nttttancca | nattttantt | 180 |
| nntgggcnc | ccngtgctc | tggtcagncc | tttaagtgg | tnaanangca | cgngcctanc | 240 |
| ccctaantta | aaatncccca | gnanaanact | nttgcgcnat | naacatcact | gannggtgtt | 300 |
| tctnatagta | tgntntacac | ctatnacant | ttccctcaat | antnattacc | tgtagnngcaa | 360 |
| gtggncanac | ttnanngcag | agtnaactnc | angnggtttc | tnaatngggn | natntcggac | 420 |
| ngtctngtan | anttgaaca | gnaaatatat | gacgncnatn | ggaaaatnat | tgtngntatg | 480 |
| caaggcnttg | cgnggtccan | cntantnctn | atggtgaaaa | tncganttat | aactnntatg | 540 |
| angctgcttg | ttnnatttga | naancntttc | ctaanntctt | tganncgcn | attaaanann | 600 |
| tngttnttga | natnganagc | ntaacacccg | ctacaanac | tagnttgnac | tnaatgntga | 660 |
| aaactccgaa | cctctgngaa | attcatgttt | nattttgatg | aacngggcct | ccaatntntt | 720 |
| attcggtttt | ntannnggac | gnnacctgtt | gatanngett | ttttcttttn | cntntnanng | 780 |
| aanaatnaac | ctanntaact | caaangcnct | anttgatctc | antaaaann | ngantgnaan | 840 |
| tncncattga | ntttnaaagc | gggntttant | ttaaaaanaac | ntcccttttg | ggngctgtggg | 900 |
| tngttgncna | cncnanangg | tgnaaaattt | tttttttncg | | | 940 |

<210> 4304
<211> 881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (881)
<223> n = A,T,C or G

<400> 4304

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|
| annnnnnnnn | nnnnnnngnn | nnnnnnnggg | nnnnngnnnn | gnnnnnnann | nnggnnnnnn | 60 |
| nngggnnnnn | nnnnnnnggn | nnggngncng | atangnagac | ccgttnatac | aacgaccac | 120 |
| ggancggann | cggcacgaga | agcngcnagg | gccaggngnn | aannnnanag | gnnnagnggg | 180 |
| acncngnnan | gaaaaganag | gnnaggggng | ggcgacagg | nganacagnc | nnagaaaaag | 240 |
| caggannag | caaagnangg | gaaagcnagc | gggcangcnc | gcnaaccngg | ggaacgnccc | 300 |
| cnnnaacacn | nnnnaaacnc | gngagccnc | nnnaacgaag | gaggaggagg | agcaaaccnn | 360 |
| nncnggggac | gganncagna | agagggccag | cgcccangga | naanacaaag | nanganagcn | 420 |
| ggaacnggcn | caaanacngc | agcaaaagnc | gcanaganac | gcaaagggnac | aaagannnnng | 480 |
| agccaggcan | nagncnagac | acagnaaggg | aacagacaga | naggcanncg | aggccnggaa | 540 |
| ggagcgnaca | anccgngngg | nnnnnaaagcn | aaangnanna | aacangagcc | anncngaggg | 600 |
| angacagcca | gnannaaaca | naaaggccgc | acgnacacag | cagcgnngcn | aagcgggagg | 660 |
| agccnaaaan | aacanangna | cggngggccc | ggcnacagng | gccacgncnn | cgggggncnn | 720 |
| ggcncccaag | gggagggccn | aagggggngg | gnnngaacnn | cccnggggga | cnanaagngg | 780 |
| ggcncnccca | gnccgggggn | aacccgggng | ggaaacccca | nccncggagn | gnaaaaaggg | 840 |
| cccaaaaang | cccagnagga | aangnngcng | gggcaaaacn | g | | 881 |

<210> 4305
<211> 891
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(891)
 <223> n = A,T,C or G

<400> 4305

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| annatecttc | tgangttngt | ctngctcttt | ctgcaggatc | cctcgattcg | tnagtgtctg | 60 |
| nntgncagg | ccctcaaaga | ttcctnggnc | ttttcccatg | tgnttgaaga | agaantcnat | 120 |
| ngncnntcat | tgaatcaaac | tggaaaacct | gctggcntgc | tgctgacgac | tctgnggcta | 180 |
| ncaaggtnct | anactcnaa | aacatgagg | tngtnaganc | ctcnncgaga | catnccaata | 240 |
| tctgtctctc | agtggctttg | cngnctcaga | ggcctcanag | cctgctgtca | tgtggacctg | 300 |
| gatatgcagg | tgatgctgng | gactcttcaa | aaagcccnac | cactctgnga | ttacgaatnt | 360 |
| acangacaga | tganaacaga | acatgatgna | aagccccacca | tnaccnntan | agcncctaaa | 420 |
| ccctgnccta | gnncattcna | tcnanggggn | ttcntntngc | tatattggta | gttgcnnngc | 480 |
| ngacnatggt | aaanggacna | atnattcggg | tgatgggact | gnantgtgan | cnggnnctng | 540 |
| naattanggg | gccanncttc | taggggngtc | ccnncnctg | cctntcnntc | canaaatgcn | 600 |
| tanacgctgc | ttntacctgg | gaagnnatg | gatgngnaaa | gaaacncct | nnnttgngn | 660 |
| ctttgccaca | cnncnnggg | aaacttttga | gncannaaaa | naccncnta | taaccanntt | 720 |
| tnccntccnc | taaaaacttg | ttacnncaa | cntatnggca | ataggnaaaa | acccctttac | 780 |
| agggnacccg | aaaacctttg | gcaacnccan | aanntntgnc | gttnggggaa | aaaantacct | 840 |
| ttggcccgnt | ttttttacag | nttngacnca | aaaantttaa | agggaaancc | c | 891 |

<210> 4306
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4306

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ntcnnncttt | aanccentat | ccttctcnaa | acctttggaa | cgcnncntnt | ctncaggaan | 60 |
| cctcgctnna | gatnctcacc | tcttnnnggt | ctngnntngt | ctgcctacat | tcccacagca | 120 |
| gacaagggtg | anaatccatn | gctgnaatct | tggtattgat | gagttncagt | gatggaacat | 180 |
| gtgcttgcc | acaggcaggt | ccagtcactg | caaaagtgac | caanccanca | ggtcaccctt | 240 |
| aacttcagaa | acaattattg | gtggtgaact | gtacttaaat | tgcagagaaa | cctgtaagta | 300 |
| atggaaggtn | aanaaaaaatt | acanaatgga | aaatnatatt | ttgggcaagc | aaacanattc | 360 |
| actgagaatt | ccaaaagtat | attaaaaaag | aagatagcta | tgagttcaga | tctatcttat | 420 |
| tggtctttta | tattacaacc | aatccttaac | tttccactat | aaangaagga | ttactanatt | 480 |
| gattactttc | tggttagata | atctggtaat | aatgatagg | gaaatcaaaa | attactttta | 540 |
| tttaggagtt | ngaattctta | ctctcatcag | acattttttt | tctangggac | ncttactaat | 600 |
| taaatgaatt | taaagttggt | ccttangng | tcnttngccc | ntantatatt | tatnactgng | 660 |
| ttaatganta | ntggaattnt | gccggaanga | cagnttcang | aagaggaant | cncgaanctt | 720 |
| gataatctat | gggttagaaa | gcntccctgn | atatcnaaaa | ttgccanttt | | 770 |

<210> 4307
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 4307

```

gnggggnttt ttnatatana cangetactt gttctttttt caggatccca tcgattcgaa      60
ttcggcacga gggccctcat ctccagctaa ctgtggagaa gccctgggg gctccctgat      120
taatggaggc ttagctttct ggatggcatc tagccagagg ctggagacag gtgtgcccct      180
ggtggtcaca ggctgtgcct tggtttctct agccaccttt actctgctct atgccaggct      240
gtgctagcaa cacccaaagg tggcctgcgg ggagccatca cctaggactg actcggcagt      300
gtgcagtggg gcatgcactg tctcagccaa cccgctccac taccggcgag ggtacacatt      360
cgcaccccta cttnacagag gaagaaacct ggaaccagag ggggcgtgcc tgccaagctc      420
acacagcang aactgagcca gaaacgcaga ttgggctggc tctgaagcca agcctcttct      480
tacttcaccc ggctgggctc ctcatTTTTA cgggtaacag tgaagcttgg gaaggggaac      540
acagaccang aaagctcggg gagtgatggc aagaacgatg cctgcaggca ttggaacttt      600
ttccgttatc acccaggcct gattcactgg cctggccgga anactctcta aggcattggtc      660
gggggaaaag ggccaacaaa ctgtccttct ttgagcacca anccnnaccc aancaagcag      720
acnttttttt tt                                     732

```

<210> 4308

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4308

```

gnnccagctc ttgttctttt tgcaggatcc ctcgattcgc tgtattcaaa cttatgagag      60
tataaaggat ctggagggtg gggatatgac tgacaaggaa aggcgtgtggc cacctgatga      120
ccctttccct ttttattaaa ccggacacac ctgtttccca tttcgctgta gtttagtttt      180
tggtttggtg tgggtggaac tgctttgaga atcctgggat ttgtgctgct gctgttatcc      240
aaagatcaaa ggagtaaaac atagttgctc ctaacttttt tccagcagca gcaagtggta      300
ataaacatga aaactgggtt gtagcagttt tgaaagaata gaatgcattc aaatgtaagg      360
ctgcttctgg atcattaaag ccagtttcat caaacagttc aacagagagc agcacttaat      420
accctttata cagcccattt tttcatagtt tcatttgttc ttgcccacaa gcttgaaatc      480
caggttaagg tatccagcct ttatcatata agcattgaca ttatccaggc ctagtcagta      540
gcagtagggg aacgggattg aaaaagattt gatggagagg aaagtatcta atattagtca      600
tgggtttgac ctaaattgct agacagtcgt gccattcaca aagtcagaaa atncagcagg      660
aagagacgct tttananggg cagagaatta gaggatgggt gtagtaatga aaatgatgc      719

```

<210> 4309

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4309

```

gggttnannt tcnaanngct gggctangcg ctttctgcag gancecatcg atncgttcgg      60
cacgagggtga cagagagcag ttgaaatggg tttttagttc ctatggaaaa gttgaagggt      120
tttggcttaa ggaccagnca cagtgggaaga atgcacttga gaatgatgag cgcttatcta      180
acccccagat tgagtggcag aatagcacia ttgacagtga ggatggggaa cagtttgaca      240
acatgactga tggagttagc gagcccatgc atggcagctt agccggagtt aaactgagca      300
gccaacaggc ctaagtgccg ggtnccttgg cgttggtgac atgctgcagc ctggaactct      360

```


| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| gatatccagt | gtgactgcaa | agctgtcttc | tcaactggtac | tgccttgtga | gtactgggtg | 420 |
| gactgtgggg | catgtggccg | ctgcagatcc | agtgggttatt | nctaagncta | tgacaggaca | 480 |
| ggctganctt | gcntcanaac | cttctctgac | agacacggga | actaaatgtg | aaaaaccaat | 540 |
| aanctggaga | ctcatgaatt | cacacgagga | aaagcagagg | nttattnatc | tgntcttttca | 600 |
| acatttnttt | cctctgngaa | angaanggtc | anaggctttg | naaaagtggg | aaaactaatc | 660 |
| acatgggaag | tgtaagggcc | ancatccaag | ctaccaantc | ctaaangngn | caaanacanac | 720 |
| ctttngggaa | aaaccnaatt | ttnnaagccc | gggntnnnnn | | | 760 |

<210> 4310

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4310

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| ttnnaatngt | nncttccctt | tcctaattngc | ttggcgtttt | tttccattta | aaagtatttt | 60 |
| atTTTTTTcc | agtcaaata | ctagttaaca | agaaagagta | aacttattaa | acatgctcta | 120 |
| attataaatc | actgcattaa | ggacaatgaa | aataatcaat | ttcggttata | caatatatac | 180 |
| agttgtgctg | caaccaaagt | aatcagggtga | atgaactgaa | tatcatacat | ctcaaaaatag | 240 |
| catcctaagc | tgcatattat | gttatccacc | ccttaacaga | tcacacagtt | actcttagtc | 300 |
| tgtgtacatg | ttctgagcca | tcateccaga | tctgatggag | aatggcatgc | aaaatgccag | 360 |
| aatcctgcag | ctgcagttca | tgaaacataa | actttaaata | taaatagata | tctacaatgt | 420 |
| ttttctttct | cttagttgct | tttttaattt | gcaaggagca | aataactaag | aaaggatatt | 480 |
| agcagggtcg | ttaatataat | tctcctctgg | taagagtact | attagttact | gcacaatagc | 540 |
| acccaaattg | gtagactgga | aaaatatccc | tanggtattt | atgtcccagt | ggaacctgac | 600 |
| cggattaagt | tttggggact | gggagttcta | aatgggttga | tattgaaatc | aacctttaat | 660 |
| tcccttaata | ntaagcctng | gcaacccaag | gtnggggtcca | aaaagggcnt | ggacctatta | 720 |
| aaaaattcca | ggattgncca | gggaagggat | ttgggttaaa | aaaattggan | ccnttaaggt | 780 |
| ggccaccttg | gtggccaaaa | aattnccat | | | | 809 |

<210> 4311

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 4311

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| ggaaannttt | tcctaanacc | tggacaagaa | ncagnaataaa | cgngnctngg | aaacttcctc | 60 |
| ttncnncnag | cannncnaca | ttgggnctgg | gcacgaggtt | agagtaagta | anagatntng | 120 |
| ccnatttttg | cacttaaanc | caagaaagag | agtcancaaa | tatttatacc | attctctcat | 180 |
| taagtgcac | tgggtccata | aatttaaaga | cagcgggtca | cccatatcta | tggnnntgca | 240 |
| ttncatgggt | tcagttacca | cagtcagcct | ctgtctgaaa | atattacaat | ggaaaaattcc | 300 |
| agaaataaac | aattcataag | ntttaagttg | catgccgatc | tgagnagcct | gaatgaaaat | 360 |
| cttacancat | ccccctncaa | ncaggctagg | ncatgacatn | anccccctgt | ccagccataa | 420 |
| tccaacactg | gttatggcta | cccaccccan | taggnaacat | antagccaaa | cnnggggtatt | 480 |
| caganccegan | cnggnctngg | gnaanccata | anatgnctcg | gagnnccaag | ggnacccctn | 540 |
| aaannntacc | cttaaaaatag | ngganccccc | aaaatggcca | nngaaatggg | ccaaaanngg | 600 |
| gaaanaaaacc | gggcccnaaa | ncnaacaaaa | tannngntaaa | cgggnncatn | aaagnccccc | 660 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| tnnaccagng | gccccaaaan | nactgnaant | aaaaatccca | ntnaaagggg | cnaataaat | 720 |
| tnnanggnaa | aaaaacnagg | gngggaccnn | agggncaggg | gccccaaaag | nggggctnna | 780 |
| canaaaccan | cngggangen | ntaaaaaanct | atnanccegn | gggnaaaagg | ngngaancce | 840 |
| cggaaannnc | aaaanntncc | cttgg | | | | 865 |

<210> 4312
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (940)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| <400> 4312 | | | | | | |
| ttenctttcc | cncctectng | gaaacccttc | ctttcctaata | gttcctaatt | cctennnnnc | 60 |
| tcnctctcnc | tctttctctg | cgggtcnggg | nnngttnncn | tnttgctttt | ttctcccgnt | 120 |
| tttnncnctn | gcenctacnt | nncngntga | ggagnccac | ctgcggagac | cgctgntnnc | 180 |
| ncncannccg | ctngntgntt | entgnccggn | tggctcanct | ccancgcctg | ntccccctn | 240 |
| nngtgncgcc | nngggntcng | tngateccnc | gatngccntt | anggettata | cgaatgnnca | 300 |
| tgccttcgcg | accennncat | tnannnccgn | gcctctgctc | cctcctnacc | tnctgengac | 360 |
| tgnetgcacc | tccttgctc | tntgcenccc | nnntcgcccn | ggtcccccac | ccnngntgnt | 420 |
| tgccgntgct | tnenctgtg | tcnnggaacg | gcnnctgncc | cttnnccccc | gnntcnengc | 480 |
| tcctggcenc | ctnnccentt | gnctgntten | nccccctnc | tnnntngnnn | ctnnnccccc | 540 |
| tcnnnctcnc | ncnnctcnc | nnnncccccc | nnnncctccc | nnenctnnnc | ctenennntc | 600 |
| cnnccccccc | cncnccnnc | nnccttnc | tcnctnctc | tcnncncccc | tcnncnctnc | 660 |
| ccntnctcnc | cnetctnnc | nnnnnnnnnc | nnnnnnnnnc | nccccnncnc | tcnncnncnc | 720 |
| ctcnnnnncn | nncntnctn | nnnnnnnnnt | ncttnncnnc | ntnnntccnn | cnnccccnnc | 780 |
| nnnncnnnnn | nctnnnnnc | ctenennctc | tnntccnnnc | nnctctctnc | cnnnnnnnct | 840 |
| cnnnccctct | nnnctnncn | ctnncnncn | nnnccccctn | nnnnnnnnnt | cnnnncccc | 900 |
| cnnccccnnc | nnntnncnc | tcnncnncn | nnntnnntnc | | | 940 |

<210> 4313
 <211> 1051
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1051)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| <400> 4313 | | | | | | |
| cannnccncc | nnaacnnnnn | tntcatcnan | ncacnannna | ancnnncnta | cnaanatnct | 60 |
| ncgnacaaen | agngannnct | ccccccctt | nnaaccggcc | cttatgcnga | accacgatt | 120 |
| cgaattcggc | acgagcccat | cgtgcgctgc | cccacgggtc | ggtaccacac | gaagggtgcg | 180 |
| gccggccgcg | gcttcagcct | ggaggagctc | aggggtggccg | gcattcacaa | gaagggtggcc | 240 |
| cggaccatcg | gcatttctgc | ggatcccnag | gaggcggaac | aagtccacgg | agtccttgca | 300 |
| ngccaacgtg | cancggctga | aggagtaccg | ctccaaaact | cannctnatc | cccnaggaaa | 360 |
| gccatcgga | cccaagaagg | ggagacagtt | ctcgctgnan | aacnggaaac | ttggacacca | 420 |
| anctnaccn | naccggcaat | ncccncccg | gaaantctna | aancgaaann | ancaacgnnc | 480 |
| atacacaac | acnnannnan | cnngnnncan | ncnncnncn | cnnatnnttn | naacntcnnc | 540 |
| antcntnncn | nnnccnctc | naccnanc | tannntnnna | ntnctatcac | anannnagnc | 600 |
| cnnnnntcaa | caannaccn | nancannnna | annncnanc | cnnnnntanc | atncannntn | 660 |
| cnetcaacat | nacatannan | tanntccnaa | nnnctaant | anngcnac | nnccatctac | 720 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|------|
| nentntntntn | aantgcctan | aaancacnnc | cncncaacta | anntcnacat | anacgcanna | 780 |
| nataatcga | acaaancata | acgnacanna | naananattn | cnngngnaac | tacctannat | 840 |
| antanaaaca | ccnannacca | accanactcg | nccacnngcn | ctcncnncnn | nnngcgntcn | 900 |
| cncacacgtc | ngcnanccac | tntcttncen | nncnncgct | nacnccegc | tccatnatan | 960 |
| naccacaacn | nnntcataac | annntcgecn | anancgacac | ctnatctcgn | cncgnganag | 1020 |
| annactctaa | gncacanata | tntgttnacc | c | | | 1051 |

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4314

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gatgctggnt | ncnnatgctt | gnngatccct | cgattcgaat | tcggcacgag | gaaatgtgta | 60 |
| tttcagtgc | aatttcgtgg | tctttttaga | ggtatattcc | aaaatttcct | tgtattttta | 120 |
| ggttatgcaa | ctaataaaaa | ctaccttaca | ttaattaatt | acagttttct | acacatggta | 180 |
| atacaggata | tgctactgat | ttaggaagtt | tttaagttca | tggtattctc | ttgattccaa | 240 |
| caaagtttga | ttttctcttg | tattacattt | tttatttttc | aaattggatg | ataatttctt | 300 |
| ggaaacattt | tttatgtttt | agtaaacagt | atTTTTTtgn | tgtttcaaac | tgaagtttac | 360 |
| tgagagatcc | atcaaattga | acaatctggt | gtaattttaa | atTTTtgcca | cttttttcag | 420 |
| atTTTtacatc | attcttgctg | aacttcaact | tgaatttgtn | tttnttttcc | tttttggatg | 480 |
| tgaaggtgaa | cattcctgat | ttttgctgat | gtgaaaaagc | cttggatatt | tacattttga | 540 |
| aaattcaaag | aagcttaata | taaaagggtg | cattctctca | ggaaaaagcc | atcttcttgn | 600 |
| atatgtcnta | aatgtatttt | tgncctcata | taccggaaag | ttcttaattg | gattttacca | 660 |
| gctgnaatgc | tttganggtt | ttaaaaataa | taacattttt | aataattttt | taaaaggaca | 720 |
| aactttcata | atnatcccg | ngntcctttt | ccnnn | | | 755 |

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4315

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tnnnaatcnc | nnnaagcctt | tgttnaaccc | ctttgctact | ngcncTTTT | gcaggatccc | 60 |
| atcgtttna | attcggcacg | aggttatncc | agtatctgnc | ancagaatgg | cattgtgccc | 120 |
| atcgtggagc | ctgagatcct | ccctgatggg | gaccatgact | tgaagcgtg | ncagtatgtg | 180 |
| accgataaag | gtgctggctg | ctgtctacan | ggctctgagt | gaccaccaca | tctacctgna | 240 |
| aggcaccttg | ctgaagccca | acatggtnac | cccaggccat | gcttgcactc | anaagttttc | 300 |
| tcatgangag | attgccatgg | cgaccgtcac | ancgctgcnc | cgcacagncc | cccccgctgt | 360 |
| cactgggatc | accttctgt | ctggaggcca | nactgacgag | gangcttaca | tcaacctaaa | 420 |
| tgccattaac | aagtgcccn | tgctgaancc | ntgnnccctg | accttcttct | actgncgagc | 480 |
| nctgcangcc | tctgcnetga | acgcctgngg | cgnaataag | gagaacctga | agctgctcac | 540 |
| gaagaatntg | tcaagcgaac | cctgncnaac | agcentgcct | ggcaaggaaa | gtncacttnc | 600 |
| gagccggtta | ggctagggct | tgctgcaacc | gaagtcctct | ctttggtntt | ctaaccatcg | 660 |
| ccttttttaa | nnccgaagg | tgtttcccca | aggattgccc | cccaanaact | tnnaagnctt | 720 |
| ttggccccaa | tttccnantt | tttgaaanaa | ggnaggncgg | ccntncttta | nnnggcttcc | 780 |

aaaccttggg cttaganccc nggctttttt t

811

<210> 4316
 <211> 942
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(942)
 <223> n = A,T,C or G

<400> 4316
 gnagegtnnn ccttttggaaac ccnttgctac ttgctctttt tgcagggatc ccatcgattc 60
 gaatnccggcg cgnngctggg cntaggcgtn gnnnatncca aggccatn acatnngatn 120
 ntncanaaga gncatataat cnagnnngta aattcacatt gtgctgctca catggatnga 180
 acatacaaat tgatgggttat aaacctggat gctcaccatg actccaaagn nctnggtgnt 240
 aaccatggnt atagnngnag ntcnnanngg actnnatag gataccgagg ctctccagaa 300
 caagctccan gaatgatca ctgngctanc ngnggctatg acagctgtaa ngcncgaaca 360
 ggaatacntg gaagtcggg tnanataca ctnagccatc ancgactgca catacagcat 420
 agtggtnctt gtggtccttc ttngaattctc tngttctagn caccatgaca ttgngacaga 480
 tntactactt gaagagattt ttnnaagtc ccagagntgc ttaganaaaag tcnactnctg 540
 angatccnac ctnaagaatt naatgntnac caaacacct gntcntaata atggnccata 600
 gttttctcgc atgntttatg gttctnggac ttgtaccatt tcacatcgta atgggtgnca 660
 nttngagaat taatncatt aattgggggn gggaaanaac ggcctttttt anggcnaaat 720
 tnaattagge cnaaaaattt ttcccagttt aatttgggnc nttaaaccct tngtntttna 780
 aancttgnc tncattntt gttanagttc cntntcaaaa tactttanac cctctttntt 840
 caanttnnan natttttngn anttanncnc atnccaanca attntttnnc nttncnntt 900
 ncnnttttc cntggantt ntectgcacn tcanentnnc ct 942

<210> 4317
 <211> 891
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(891)
 <223> n = A,T,C or G

<400> 4317
 annatccttc tgangttngt ctngctcttt ctgcaggatc cctcgattcg tnagtgtctg 60
 nntgncaggc cctcaaaaga ttcttnggnc ttttcccatg tgnttgaaga agaantcnat 120
 ngncntcat tgaatcaaac tggaaaacct gctggcntgc tgctgacgac tctgnggcta 180
 ncaaggtnct anactcnnaa aacatgangg tngtnaganc ctcnncgaga catnccaata 240
 tctgctcctc agtggctttg cngnctcaga ggctcanag cctgctgtca tgtggacctg 300
 gatatgcagg tgatgctgng gactcttcaa aaagcccnac cactctgnga ttacgaatnt 360
 acangacaga tganacacga acatgatgna aagcccacca tnaccnntan agcncttaaa 420
 ccctgnccta gnncattcna tcnanggggn ttctntnngc tatattggta gtgcnngc 480
 ngacnatggt aaanggacna atnatctggg tgatgggact gnantgtgan cnggnnctng 540
 naattanggg gccanncttc tagggngtgc ccnnncntg cctntcnntc canaaatgcn 600
 tanacgctgc ttntacctg gaagnnatg gatgngnaaa gaaacncnt nnttggngn 660
 ctttgccaca cncnngggg aaacttttga gncannaaaa naccnnta taaccanntt 720
 tncntccnc taaaaacttg ttacnncnaa cntatnggca ataggnaaaa acccctttac 780
 agggnacgcn aaaaccttg gcaacnccan aanntntgnc gttnggggaa aaaantacct 840
 ttggcccgnt ttttttacag nttngacna aaaantttaa agggaaancc c 891

<210> 4318
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4318

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ntcnnncttt | aanccentat | cettctcnaa | accttttgaa | cgcnctnt | ctncaggaan | 60 |
| cctcgctnna | gatnctcacc | tctnnnggt | ctngnntngt | ctgcctacat | teccacagca | 120 |
| gacaaggttg | anaatccatn | gctgnaatct | tggtattgat | gagttncagt | gatggaacat | 180 |
| gtgcttgcc | acaggcaggt | ccagtcactg | caaaagtac | caanccanca | ggtcaccctt | 240 |
| aacttcagaa | acaattattg | gtggtgaact | gtacttaaat | tgagagaaaa | cctgtaagta | 300 |
| atggaaggtn | anaaaaaatt | acanaatgga | aaatnatatt | ttgggcaagc | aaacanattc | 360 |
| actgagaatt | ccaaaagtat | attaaaaaag | aagatagcta | tgagttcaga | tctatcttat | 420 |
| tggtctttaa | tattacaacc | aatccttaac | tttccactat | aaangaagga | ttactanatt | 480 |
| gattactttc | tgggtagata | atctggtaat | aaatgatagg | gaaatcaaaa | attactttta | 540 |
| tttaggagtt | ngaattctta | ctctcatcag | acattttttt | tctangggac | ncttactaat | 600 |
| taaatgaatt | taaagttggt | cettangng | tcnttngccc | ntantatatt | tatnactgng | 660 |
| ttaatganta | ntggaattnt | gccggaanga | cagnttcang | aagaggaant | cncgaancct | 720 |
| gataatctat | gggttagaaa | gcntccctgn | atatcnaaaa | ttgccanttt | | 770 |

<210> 4319
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4319

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|-----|
| tggttttaatn | ctngtcaa | ccttggtctac | tcgntctttt | ngnanncgna | ttcngnncgg | 60 |
| ntcccatcnn | ttcgctggg | tgggcagtt | tttgaaaatg | ggctcaacca | gaaaagccca | 120 |
| agttcatgca | gctgtggcag | agttacagtt | ctgtggtttc | atggttagtta | ccttatagtt | 180 |
| actgtgta | tagtgccact | taatgtatgt | tacaaaaat | aaatatatct | accccagact | 240 |
| agatgtagta | ttttttgtat | aattggattt | cctaatactg | tcacccctca | agaaagtgt | 300 |
| ttgggttttt | aaaaaagaaa | gtgtatttgg | aaataaagtc | agatggaaaa | ttcatttttt | 360 |
| aaattcccgt | tttgtcactt | tttctgataa | aagatggcca | tattaccctt | tttcggcccc | 420 |
| atgtatctca | gtaccccatg | gagctgggct | aagtaaatag | gaattgggtt | cacgcctgag | 480 |
| gcaattagac | actttggaag | atggcataac | ctgtctcacc | tggacttaag | cgtctggctc | 540 |
| taattcacag | tgtctttttc | tnctcactgt | atccaggttc | ccttcacagag | gagccaccag | 600 |
| ttctcatggg | tggcactcag | tctctttctc | tncagctgga | cttaaaacttt | ttttctggac | 660 |
| cagttaat | ttncaaactac | taatngaata | aaggcagttt | ctaaaaaaaa | aaaaaaaaaa | 720 |
| ctcgaacctt | tanactatat | gagtcgttta | cgtagatcng | actga | | 765 |

<210> 4320
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4320

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| gtncncntttt | gaatncncat | acaagctact | tggttctttt | gcaggatccc | atcgattcga | 60 |
| attcggcacg | agcttatctg | tacgagatnc | attccnagac | ccctagtggg | tgcctgaaac | 120 |
| ctcagatngn | actgaaccct | ttatgaacta | tggttttttca | gtctgacaac | caaggcggct | 180 |
| actaagtgc | taaggggcag | gtagtataca | gtgtggataa | gcaggacaaa | ggggtgattc | 240 |
| acatcccagc | ctgngcaaca | gagcaagact | ctgtctcaaa | aaaaaaaaaa | aaagtctcan | 300 |
| taacctatgg | gataatatac | taacaaacag | ctgtgtaact | ggaatnccat | aaagcantgg | 360 |
| tggacanagc | agaaaaatat | ttgaagaaat | aaagactaaa | attatgtcca | ntttgatgaa | 420 |
| aattatnctc | tgacagatct | aaganttttna | gcaaacccta | atcaagatag | tctctctctc | 480 |
| cctctcacat | gcacgcacac | gcaccgaagt | tnagccataa | tcaaactact | aaaaaccant | 540 |
| aataaaanga | ataatcttaa | aatgtngcca | gagaaaaaan | gacacgttac | aaacagaaga | 600 |
| acanggggta | gaaaactgaa | actttcctta | naaactacat | acgcagaaga | caacaaattt | 660 |
| gcttaaattg | tgaaaaatcc | cctcacacta | gagagaggct | ttggtggtag | catggctnag | 720 |
| taggtgcaca | agacgtgccc | tcct | | | | 744 |

<210> 4321
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4321

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnttgngn | taantttnta | aggatccctt | tntntgaanc | cctttctgca | ggatcccatc | 60 |
| gattcgaatt | cggcacgagg | caggagnaat | cacttgaacc | ctggagggtt | cggttgagc | 120 |
| gagcacagat | catgccactg | cactccagcc | tgggcaacaa | aacgagactt | cgtctcaaaa | 180 |
| aaaaaaaaa | tagaatttgg | atcctttggg | cggttctctc | caaattcttt | tgagggtg | 240 |
| atggtcaact | gcttcagctt | tggtttggca | acccctcgcc | cgaagtcgca | tataggctgt | 300 |
| tcttcacctt | gtttccaagg | ctgaggaaca | gaaagtagcc | tctgttttga | ggagggtg | 360 |
| gttaagtata | cattttat | ttactgtgac | ttgttcagga | ccacatttta | caaaatgc | 420 |
| tggttccttc | attgtttctg | gaaaggaaag | ttctattaat | attgntttac | tttgaatata | 480 |
| gaatagtttt | tttaattagg | gcttattttg | aaaaattctg | agttaattc | aaatgtatgc | 540 |
| caataccttc | caaagtaagg | taatattcag | agacagttgt | tggtgatcag | atggcttaga | 600 |
| gaaaatttct | ggaatattca | cattcgaaga | tccttattat | gaatgtcttt | gacttaaate | 660 |
| taaccacaaa | ctgcacatta | ttctttgnac | attttcatta | tatagngtta | acaagcttan | 720 |
| ttgcaaacca | ataaataact | aagctattta | aaaaaaaaaa | aaaaaaactc | nc | 772 |

<210> 4322
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4322

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|----|
| tnncttttnac | tntnntaatc | ctttntgang | ccctnttgca | ggatcccatc | gattcgcgtc | 60 |
|-------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| tgtaatccca | gctgcttggg | aggctgaggg | angagaatca | cttgaaccct | ggaggtggcg | 120 |
| gttgacgtga | gcacagatca | tgccactgca | ctccagcctg | ggcaacaaaa | cgagacttcg | 180 |
| tctcaaaaaa | aaaaaacata | naatttggat | cctttggtcn | ggttctccca | aattcttttg | 240 |
| agggtgtccat | gggtcaactgc | ttcagctttg | ntttggcaac | ccnctgcccg | aantcccata | 300 |
| taggctgnnc | ttcaccttgt | ttccaangct | gaggaacaga | aagtancctc | tgtttngagg | 360 |
| agggtggaant | taagtataca | tttatcctnt | actgcgactt | gntcangacc | acattttaca | 420 |
| aaatgcctng | tttccttcat | ngcttctgna | aaggaaagtn | ctattantat | ngtggtactn | 480 |
| agaatataga | ntactttttt | tnattntggc | ttattttnaa | aaattctgag | tttaattcaa | 540 |
| atgtntgcca | ataccttnca | aagtaaggta | atntcataga | cantngttgt | natcacatgg | 600 |
| cnttacanaa | antnctggat | attcacnttc | taaanattcc | ctattaaatg | aatgtctttg | 660 |
| acttaaantn | acaaaaactg | cncatattct | cgtacatttc | gtaaatngtg | nacaagctan | 720 |
| ttgcaacaa | taaatacnta | actaaaaana | | | | 749 |

<210> 4323

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4323

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| nttnngtttt | tantttntnn | aancctttgt | tacntgcnc | ttctgcagga | tcccatcgat | 60 |
| tcgccagccc | ctcctctccc | cgccttctgg | gaggaggagg | tcacncgctg | atgggcaactg | 120 |
| gagaggccag | aagagactca | naggagcggg | ctgccttccg | cctggggctc | cctgtgacct | 180 |
| ctcagtcccc | tgccccggcc | agccaccgtc | cccagcacc | aagcatgcaa | ttgcctgtcc | 240 |
| ccccgggcca | gcctccccca | cttgatgttt | gtgttttgtt | tggggggata | tttttcataa | 300 |
| ttattttaaaa | gacaggccgg | gcgcggtggc | tcacgtctgt | aatcccagca | ctttgggagg | 360 |
| ctgaggcggg | cggatcacct | gangttggga | gttcaagacc | agcctggcca | acatggggaa | 420 |
| accccgctct | tactaaaaat | acaaaaaatt | agcccggtg | tggtggcgcg | tgccataaat | 480 |
| cccagctact | cgggaggctg | aggcaggaga | atcgcttgaa | cccgggagg | gggggttgcg | 540 |
| gtgagccaag | atcgaccat | tgcacttcag | cctgggcaac | aagagcgaaa | ctctgtctca | 600 |
| aaataaatta | aaaaataaaa | gacagaagca | aggggtgcct | aaaatctaga | cttgggggtcc | 660 |
| acaccgggca | ncgggggtgc | aacccaacaa | cctggtaggc | tncatttctt | tccaagcccc | 720 |
| aacagaaggt | catgccggcc | ccacangaaa | ancnggcagg | gccncggggg | gct | 773 |

<210> 4324

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(916)

<223> n = A,T,C or G

<400> 4324

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| nttccnnngn | aanttncgng | natnntgncn | gaaccctttt | cgatnnnnnn | gattegnagt | 60 |
| acngacnagg | agannctgnc | ggncntgtgn | tggaanctnn | ntttggaccn | cnctttnncc | 120 |
| ngtgccntgt | gaactcagag | cacgggcnnt | ttggaccnac | tcaaggccan | tcatggcatg | 180 |
| gctcatncct | gaggcacgna | nnganactac | attcncagg | gcccttcnaa | acaatggacc | 240 |
| ncnatgcngg | catactgngc | ctgcgaccen | aaanacnnna | ngnntgtact | gaatatcaag | 300 |
| atcnacttag | antctaagag | agnntggnet | nnnaactgat | cancanggcc | ttccangggg | 360 |
| cancanngag | acactgcgag | tnacagagac | ngccatgggc | gntgctncct | tacnnagnn | 420 |

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| cacagggcenn | accntcatgn | aaccctaang | ctgtncnnat | gtactccgaa | tggcctttna | 480 |
| nncgnaacngg | cctctaagtg | atgcnncccg | gtntcanatg | nnnccgtaca | atatctcang | 540 |
| ggacatgggg | antnatnnnc | ancennaacc | tttnanaaaa | ggcggcntta | ccnttacnnn | 600 |
| aaaaggatgg | cttnnnngcta | atcaaaaanc | ntgtaaaccc | tnggcnatta | taaacccaag | 660 |
| acccgggaca | aanctngggg | taccnngtcc | aattnaaaact | ggcctnccnn | tcntgggtcnc | 720 |
| ccaaccaaag | tnaaacctan | ttngcagngg | gttataccgg | nanncnaatt | ggntncaacc | 780 |
| ccaacttngg | gaaaataatt | tttncnaaat | gcntcnatcn | aaccctgnct | tttnnanaaa | 840 |
| aaccagget | ttttnnctng | gggaaccttn | aancggggan | ttggccttnn | caaaaccacn | 900 |
| tnccncttta | ggtnnn | | | | | 916 |

<210> 4325

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4325

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| cnttnnttna | tgacccttgt | tacttgetct | ttttgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgagggaa | ccatgagaac | cgaagctaga | attgntattg | aattacttta | ttttctcttc | 120 |
| ccttattggg | tagagataca | tcattactgg | cctcaggggt | ttacccaaag | aaaggggtatt | 180 |
| tttgagcaaa | taatgtgatt | tcctggctat | tttggtgggg | gcttaagatt | tttttttttc | 240 |
| aaatgcattt | ttagtacta | aaaattaact | gtcgtaccat | ctagaactat | actgtccagt | 300 |
| accatagcct | ctagecgtat | gtagctattt | gtattaagat | taattgaaat | tttaaattcca | 360 |
| gttcctcagt | cacactagcc | actttctaa | tgctcagtag | ctctgtgtga | ccagcggcta | 420 |
| ctgtattgga | tattatagaa | ggttctttca | ttcaagatca | tcattcttga | cagaccata | 480 |
| aatatttctt | ataaagactg | tagaagtgtg | ttctggaggg | tttgctctcc | aaaaagaatt | 540 |
| gtaatataga | gtagaattgg | gatagagtat | tgaagacact | gggttttagac | attggatatt | 600 |
| ttaatgatgt | tgtgtcta | tcattggtgt | gncaactgag | ttatctagt | atatgacctc | 660 |
| actgtcttga | ccaaagccag | aatngaaggc | aggattcctg | aatctatctt | aaaattgcaa | 720 |
| tggaanagcc | ttttccctaa | attatccatt | tgtaatt | | | 757 |

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4326

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| ntnnnttctn | aatccttgtt | cncgcctttc | tgcaggatcc | catcgattcg | gagaggagca | 60 |
| ggtgcagtga | ttcataacca | ctctaaaget | gctgtgatgg | ccacccttct | ctttccagga | 120 |
| cgggagttta | aaattacaca | tcaagagatg | ataaaaggaa | taaagaaatg | tacttccgga | 180 |
| gggtattata | gatatgatga | tatgttagtg | gtaccattta | ttgagaatac | acctgaggag | 240 |
| aaagacctca | aagatagaat | ggctcatgca | atgaatgaat | accagactc | ctgtgcagta | 300 |
| ctgggtcagac | gtcatggagt | atatgtgtgg | ggggaaacat | gggagaaggc | caaaacctatg | 360 |
| tgtgagtgtt | atgactattt | atttgatatt | gccgtatcaa | tgaagaaagt | aggacttgat | 420 |
| ccttcacagc | ttccagttgg | agaaaatgga | attgnctaag | ccaaaagaaa | gtctaattat | 480 |
| atacagagat | aaagctaaac | gtaattatta | tttaaataag | agctattttt | ttaaatgaat | 540 |
| ngaaattttt | catgatgcta | ctaatttgnc | actaaatctg | caaattggtca | ccctgaattt | 600 |

| | | | | | | |
|------------|------------|------------|------------|-------------|-----------|-----|
| cttctgacat | tggtgntatt | tgcttatatt | ccttataatt | ttaaatagaag | gcacagtga | 660 |
| atgaaaattt | tatactctat | gnntctggna | attntaaat | ccttaacagc | caaattttt | 720 |
| gcctttaatt | cttttanata | tatactctcg | agaaatcn | | | 758 |

<210> 4327
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| <400> 4327 | | | | | | |
| ngtanantan | naacntgggt | ntcgtctctt | ctgcaggatc | cctcgattcg | aattcggcac | 60 |
| gagccaagga | gttttccacc | cgtctctcat | ggtcacagcg | ctagtcattc | atttttgaga | 120 |
| agttgcttct | tttaccatcag | aaaaccagtc | aatcatatgg | agacttcttt | tgtgatgaaa | 180 |
| aagggcttta | gaagttaa | acatgcatgc | acatgaaaac | atgcacaacc | acagcctcaa | 240 |
| tcttgatatt | agtttgggga | aagagaagag | aatttcctgt | ggattatttt | ttcctcaagt | 300 |
| gcacctctct | ggttaaccca | aactctgcaa | gaaagcactg | tgactaaaac | atacataacg | 360 |
| cctgcataaa | tattccatgg | tttcagttaa | atttcagttt | ttagccttta | cacatgaggt | 420 |
| caaaggagtg | acgaaaatac | aaagcaagga | aaaaatgaaa | tatctgggtt | ttgctgaatg | 480 |
| cttaatttat | tttttactgt | gccactccaa | tatttatcaa | atccaaatag | catgaatgct | 540 |
| tctctgtagt | aatactaatt | ttgtgccttt | tgtctgcttt | cttaagacca | gttggttcaca | 600 |
| ctttgtagat | attaacaaat | atatttccga | ttggaataca | aaaaaaaaaa | aaaaaaaaact | 660 |
| cgagcctnta | gactatagtg | agtcgtatta | ccgtgatccn | gaccatgata | agatccattg | 720 |
| atgagtttgg | acaaccacac | tngatgcagg | aaaaaat | | | 757 |

<210> 4328
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| <400> 4328 | | | | | | |
| ngtanantan | naacntgggt | ntcgtctctt | ctgcaggatc | cctcgattcg | aattcggcac | 60 |
| gagccaagga | gttttccacc | cgtctctcat | ggtcacagcg | ctagtcattc | atttttgaga | 120 |
| agttgcttct | tttaccatcag | aaaaccagtc | aatcatatgg | agacttcttt | tgtgatgaaa | 180 |
| aagggcttta | gaagttaa | acatgcatgc | acatgaaaac | atgcacaacc | acagcctcaa | 240 |
| tcttgatatt | agtttgggga | aagagaagag | aatttcctgt | ggattatttt | ttcctcaagt | 300 |
| gcacctctct | ggttaaccca | aactctgcaa | gaaagcactg | tgactaaaac | atacataacg | 360 |
| cctgcataaa | tattccatgg | tttcagttaa | atttcagttt | ttagccttta | cacatgaggt | 420 |
| caaaggagtg | acgaaaatac | aaagcaagga | aaaaatgaaa | tatctgggtt | ttgctgaatg | 480 |
| cttaatttat | tttttactgt | gccactccaa | tatttatcaa | atccaaatag | catgaatgct | 540 |
| tctctgtagt | aatactaatt | ttgtgccttt | tgtctgcttt | cttaagacca | gttggttcaca | 600 |
| ctttgtagat | attaacaaat | atatttccga | ttggaataca | aaaaaaaaaa | aaaaaaaaact | 660 |
| cgagcctnta | gactatagtg | agtcgtatta | ccgtgatccn | gaccatgata | agatccattg | 720 |
| atgagtttgg | acaaccacac | tngatgcagg | aaaaaat | | | 757 |

<210> 4329
<211> 746

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (746)
<223> n = A,T,C or G

<400> 4329

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttntttacct | ttgctcttgn | tcttttgcag | gatccctcga | ttcgaattcg | gcacgagaga | 60 |
| agctcagctc | ttcttgggtc | tggttagact | gcctagattc | ccacagcaga | caaggttgag | 120 |
| aatccattgc | tggaatcttg | gtattgatga | gttacagtga | tggaacatgt | gcttggccac | 180 |
| aggcaggtcc | agtcactgca | aaagtgacca | agccagcagg | tcacccttaa | cttcagaaac | 240 |
| aattattggt | ggtgaactgt | acttaaattg | cagagaaacc | tgtaagtaat | ggaaggtaaa | 300 |
| gaaaaattac | agaatggaaa | ataatatatt | gggcaagcaa | acaaattcac | tgagaattcc | 360 |
| aaaagtatat | taaaaaagaa | gatagctatg | agttcagatc | tatcttattg | gtctttaata | 420 |
| ttacaaccaa | tccttaactt | tccactataa | aggaaggatt | actagattga | ttactttctg | 480 |
| ggtagataat | ctggtaataa | atgataggta | aatcaaaaat | tacttttatt | taggagtttg | 540 |
| aattcttact | ctcatcagac | atTTTTTTTc | tagggacgct | tactaattaa | atgnatttaa | 600 |
| gttgnttcta | agggTTTTTT | gcttatatat | ttatgactgn | gttaatgagt | antgaaatga | 660 |
| tgcggaaggc | agcttcagga | agaggaatnc | agaacctgaa | taatctatgg | gtagaaaaag | 720 |
| cttcctgaat | atcaaaattg | gcngtt | | | | 746 |

<210> 4330
<211> 967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (967)
<223> n = A,T,C or G

<400> 4330

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| nnnnnnncann | annnnnnnna | ngnnnnncna | ccannncnnn | cnacnnagng | nncccgtcc | 60 |
| aaagccggca | anncgccgcn | cngcnnntc | aaacntgca | ngcggcacnn | gnngnncccn | 120 |
| acgancgccc | agcgcgcgng | anacngngct | gccaagaaan | gngngcncan | agnccggcct | 180 |
| ngagaacagn | acagngganc | gtcanaagca | gngggangac | agacgacnga | ngaaacntag | 240 |
| agcccagggn | nagcngnacg | acggaccagn | tcccaaaggc | nggngcccaa | agcngacnag | 300 |
| ntnnaggaag | aaanacngng | gacacaaccg | gagacanccg | annaggagcn | gacnganntg | 360 |
| gaccanang | gcaagaagca | ccnaaacang | ncacccacca | nacgaccggg | gaaggcacga | 420 |
| acggtcngag | cacgagnaana | acngaaacna | ancaacgcgc | acacanngng | aganagaaac | 480 |
| accncnaaca | ancnaancgn | gggaanangn | agaccggacn | cagaagaang | gcncaagann | 540 |
| cggcanngaa | cccnnaancn | gacggaannc | agggncggng | ccaacaagan | ggcnangacn | 600 |
| ggncaananna | nggccggcnn | ggaaaaacga | ccaagnngnn | cnccaaaaaa | gacanggcaa | 660 |
| aagnaaacgg | gcaaagggca | ancncnaagg | nnaagcccna | naacgcgcgn | nnggagcaaa | 720 |
| angnnccaag | ngaggancna | aagangggga | aagggggcca | cnaagngggc | ggnnaanngg | 780 |
| cgaannnaaa | acanagggng | ggggccacng | gnaaacccaa | gcgcgaaann | ccnggcncna | 840 |
| agggccccga | aaacangggg | ngacaaaaac | ccnngccaaa | accnnanggg | ngggncccat | 900 |
| cnggannaca | naaggngaac | cgnccaaggg | ggcanaaagg | aaaggccatn | nnaangnaaa | 960 |
| agagccg | | | | | | 967 |

<210> 4331
<211> 824
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (824)
 <223> n = A,T,C or G

<400> 4331

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| gtagngtgn | ggtatnaaca | gctcttgtn | tttttgcgga | tccctcgatt | cgaattcggc | 60 |
| acgaggcnac | nggtgaagcn | nntggtgngt | gngctnctca | tgaagaanct | gtggcnggta | 120 |
| tgttcaaaga | canggnat | atgcantaca | gatatataga | actcttcttg | aattnaccaa | 180 |
| cangggccgg | ntaatggggc | gnatgtcagn | caantgatnc | aactgcatgn | gggtgtctnn | 240 |
| tgcccaggnc | acttacagng | gnctggaaag | ccagtcannng | caangngtgg | ncncagcgcn | 300 |
| ggnttcngtg | ggtnaaccag | gcatggngctg | gntatnacgt | aatcttagnn | aggaacaatt | 360 |
| tnagtnactn | tnttontnat | tcncnnngna | gncctcttnc | angttngtga | gcatttntca | 420 |
| ataagaaaga | agnctggggg | acccatttng | cancattnan | ttcanggaaa | aatctngatt | 480 |
| taaaaaagtt | acctntgaac | tgtnnnntaa | ngcncnnttt | nnttgtagcn | tgtgataatn | 540 |
| gatgcgaact | tntactatnt | atcagcatgt | tctnannata | acnttttggg | tannatcngt | 600 |
| ttagnantga | ttcnttcacn | agcctaagaa | aacttaagnn | nnggcaaaat | gccggatcat | 660 |
| tgtcacaggg | acgttcacna | attnanccnc | nctcggtgac | aacntttctt | gnttttngg | 720 |
| aaanaaatcc | cacagggngct | agnctannca | tngnttcntn | ggaaatttan | ctntaatggg | 780 |
| ttcgggtanaa | ntcccgtttg | ngngggttna | attaaaaaaa | nccg | | 824 |

<210> 4332
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (830)
 <223> n = A,T,C or G

<400> 4332

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gcttnanccc | tttccatttc | caatnntttg | gctctcnctn | aaaccctttg | ganccentcg | 60 |
| attcgaatnc | ggcacgaggg | ctaacttgcc | ttgtnnact | atngatgttn | gngtccctgnn | 120 |
| ttcttaacac | tttaagcagc | tgntctcacc | taaaggctaa | tagttntaag | taagtatctn | 180 |
| tttcttttta | taatttaaaa | attaaaaaat | ttttaattaa | ctgtttttta | attaaaaaaa | 240 |
| attattaatn | atttntaata | gacaggatct | ngctatgctg | nccaggctgg | tcttgaactc | 300 |
| ctgggtctcaa | gtgatccctc | tgccctggcc | tcccaaagtg | ctggtattac | aggtgtgagt | 360 |
| cactgcacct | ggccaagttn | natncttcag | gntacattnc | ttcagccact | tcaatcaaac | 420 |
| atnnaattaa | catgctataa | tgaatgacta | tncttaacta | ggctaaccac | atgaaggcct | 480 |
| ttggnaactt | acctntagtt | acanccttca | cttctttttt | tttgngaagg | gaaantnnng | 540 |
| ggnnccggaca | atactcctng | nantnaacta | ntgtaaccct | ttncntngac | tngaattaac | 600 |
| nngggaaatt | nggggaaant | aattgnagaa | ntgaacnngc | ttgaatcnaa | nannantcaa | 660 |
| tanaccntaa | tagncaantc | ntnttaannc | cccnaatcnn | ttagnccntn | ccaatttggc | 720 |
| cnanaagnta | anancncccc | cnggcctttt | ngccccaatc | nnnaaattcg | nnatnaaaaa | 780 |
| tnaaacccct | ngcctttaaa | ngggnacctt | tnacacgaan | gggggaaann | | 830 |

<210> 4333
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (772)
 <223> n = A,T,C or G

<400> 4333

| | | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|------------|-----|
| gnnnnnnnttt | nnnnnnnttt | ccnannngnn | nnnttcaa | at | ttccnaatc | gctngncttt | 60 |
| ttgcaggatc | ccatcgattc | gcaccgctat | cagaaaaata | tcctgttcat | ggttttatact | | 120 |
| gaatttgcaa | actactgata | tgattttttca | ataaccactt | gtatcttcca | tcattccatga | | 180 |
| gagggtgggaa | gagggtacact | gtatctctgc | aataaaactt | tggccagggt | ctacctcctc | | 240 |
| tgagcaaagg | atactttttct | atgtagggtg | agatggttct | cctttactaa | tctgacatgg | | 300 |
| tgcattctgga | gacaacatct | gatgggatcc | aaagacaact | tgaaacaaag | gtggatgtca | | 360 |
| gctcttggtg | tgttttcatt | tggttctctt | ttttaaatct | cccttttggt | atcgctcctg | | 420 |
| ttgtagcgtg | tccatcagtg | tgtgaagggt | gcgccctggt | ccaatgatac | tgcattgctg | | 480 |
| catccagcct | ttcgtgggag | cacggtacca | agcgtccgga | attgattatc | ccaatcattt | | 540 |
| ttgatatgta | actgaaaaat | ttggtctcat | gcaataaaaa | tgtactgggt | gcatttttagc | | 600 |
| aagggtttatt | tactcttgca | agtaaaaacg | atcaaccgtg | aagcgtaaca | aattctgtat | | 660 |
| ttagtttttt | ttctgttggtg | gtgggtttttg | ttttgggttt | tggtttgtaa | gattctaaat | | 720 |
| aaattaaatc | gantnaaaaa | aaaaaaaaaa | aactcgagcc | tttanaacta | tn | | 772 |

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 4334

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| gngnnnttga | aancntggc | tacttgttct | ttttgcagga | tcccatcgat | togaattcgg | 60 |
| cacgagactt | aaacatgtca | cctaaatgca | cttgatgggtg | ttgaaatgtc | cacctttetta | 120 |
| aatttttaag | atgaacttag | ttctaaagaa | gataacaggc | caatcctgaa | ggtactccct | 180 |
| gtttgctgca | gaatgtcaga | tattttggat | gttgcataag | agtcctatct | gccccagtta | 240 |
| attcaacttt | tgtctgcctg | ttttgtggac | tggctggctc | tgtagaact | ctgtccaaaa | 300 |
| agtgcattga | atataacttg | taaagcttcc | cacaattgac | aataatatatg | catgtgttta | 360 |
| aaccaaatcc | agaaagctta | aacaatagag | ctgcataata | gtatttatta | aagaatcaca | 420 |
| actgtaaaca | tgagaataac | ttaaggatcc | tagtttagtt | ttttgtaatt | gcaaattata | 480 |
| ttntgtctgc | tgatatatta | gaataatttt | ttaatgtcat | cttgaaatan | aaatatgtat | 540 |
| tttaagcact | cacgcaaagg | taaatgcaca | cgtttttaa | at | gtgtgtgttg | 600 |
| catangaatt | gtnaacattg | actgacaaat | tacctataat | ggatntgggt | aatgacttat | 660 |
| gagcaactgg | nttggccaga | cagtataccc | aaacttttat | ataatatcag | aagntatcac | 720 |
| cttgtgaaa | | | | | | 729 |

<210> 4335

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4335

| | | | | | | |
|------------|-------------|-------------|------------|--------------|------------|-----|
| tgggcctttc | aaatnccttt | tctatttcna | atncttgggt | acttttcaactt | tccgcannga | 60 |
| tccntcgtnt | aaaggcagcc | cccaagtcce | agaaagctga | ctcccctagc | atcgactacg | 120 |
| cagagctgct | gcngcacttt | gagaagggtcc | agacaagcac | ctggaagtgc | ggcaccagcg | 180 |
| gagcgggctg | ggggaccacc | tggaccggag | gggtgtcctn | tgacangcct | ggcaccggag | 240 |
| agggccacc | gagtggtaccn | tnaancacta | cnggtcntna | aacacntncg | atgaggccat | 300 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| atctactaac | ttaggccccat | ggtcagatat | gatnatctgc | aaacccatct | tgaccttgag | 360 |
| tatgtgaagg | ggtactgtac | tttattcctg | atacattttg | gtttccatgt | aggtgttgag | 420 |
| ctcctggttt | tctgtgtttg | gatgatgaag | atttggaccc | ttccattcat | aatccctttc | 480 |
| taagtgaaac | ggagaggctg | gcttggctgt | tccttggtat | tccgaaagcc | ctgggttggg | 540 |
| gcccattgtc | acactggctc | tcagtctagt | caggtgcaat | gttcttgaan | angtggggac | 600 |
| ctaattatta | ccanagtagc | ancaagagag | gaaacgttgt | gaattaaagt | attcaattaa | 660 |
| aaaggaaaca | tgattttctac | ctgaaaaaaa | aaatggctgc | nancggataa | tngtntgncc | 720 |
| cntgnttttn | anccggagnc | cnnnnaccat | | | | 750 |

<210> 4336

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (991)

<223> n = A,T,C or G

<400> 4336

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| ggggncattt | tgcnaaantc | cccgcngttt | ttncnngtn | nttgccnaaa | aanagncccn | 60 |
| tttgggggcn | ccccntntt | ttgccaaaaa | natccncccc | taggggccta | acctatgggc | 120 |
| tgcnntatan | gngggncagg | gggagaaancc | ccgcnaaang | cgnaangan | ggangnaaan | 180 |
| naacgggggc | acacacgcnc | nagnngggcag | ngncnncnan | gggnnagann | ngnncaggga | 240 |
| ncagnggggn | nngnncntnc | cgancanana | cnnggngggg | agaannncna | gagggnaagn | 300 |
| ncaccncncg | anaagnnga | nagggnggna | ncntgnanna | cgacnanact | nggngnggca | 360 |
| anccgnaann | gagacganga | nanaggngtn | cnanggcgca | aagnagnant | acncgcncnn | 420 |
| nngatacagn | aaaaaggann | naaannnacn | gcnanganag | agnanganac | nacaanctnt | 480 |
| ggaggaagag | acggaanacn | gggagaggaa | gggntnagna | annaaaggca | aggattaacc | 540 |
| tnacagaaat | gaanaanccc | nanncacngg | ngncntctgc | aagngaacca | cttnaagcca | 600 |
| angtnaagca | gntgcagctt | gatagcctgc | taccactgag | agggactcag | aagagtgtac | 660 |
| tncattgcaa | tacttaaaca | gcgccatctt | gctgtggaag | cctacagaaa | actgnggatg | 720 |
| aacacaagaa | aacgatggaa | ttactgcaga | gtgatatgaa | tcagcacttc | ntgaaggaga | 780 |
| ctcctgggaa | gcaaccagan | cattccggca | ccttcagnca | catcagnact | tggcaataaa | 840 |
| acccacagng | agaattggaa | aacagatggg | gnganagaac | tggccctctg | gaaaagacag | 900 |
| cttnggacaa | ggtcaccaac | ngaccagatc | cnngnaaaaa | atccaaggca | taaaggaaa | 960 |
| aagannggtc | caaattctcag | gggatccaac | c | | | 991 |

<210> 4337

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1188)

<223> n = A,T,C or G

<400> 4337

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccttaaaaaa | ttggggccct | ttggggccct | tacttcnggg | tagaatnctt | ttttnttggg | 60 |
| ccaggggaaa | tccccccant | tccgcnaana | aancgggaaa | atttgtgccg | ggggccaacc | 120 |
| ggaaggga | cnttcttggg | ggncaccca | aaggcccccc | agggnaaggt | ttccaaattt | 180 |
| ngggntntcc | ctttttttnc | naaagggccn | aaggtttccn | atTTTTTccc | aatttaattc | 240 |
| ccaaaggccc | ngntnnatnn | tgnetangtn | cgnnnnnnnn | atntntnnan | ngngggcggn | 300 |
| anattnnntc | ntntntntnt | tgtenntcnn | nnntnnnnnt | nntaanncnt | tattnatntn | 360 |
| ntatncagcc | ncnnntanan | nnantnctnn | naatntntnt | tntnttactc | nnnnnattnn | 420 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| ntngtngtcn | nctncnttta | nntcatcata | cnnatatcat | ntaaanaang | cntnnactnc | 480 |
| ntatnatccn | ttngcatctt | cantgttttn | ttntctcanct | ncttgcntcn | nntntacant | 540 |
| accantnntt | aagctctttt | tacnatgnaa | tactcannaa | gagntngagg | ttggctgnan | 600 |
| tttanccttt | taaantcntt | gtccnntggg | ctcntgaact | ttttnnannt | tgttggccct | 660 |
| tttactttta | ctntnnatna | natgggantn | cgntnnaatc | tntnttcata | naatttttgt | 720 |
| acnnntaanc | gttgatntta | gnanaaacta | cnaggnacct | nnntttcant | aggnttttat | 780 |
| tcctnttttn | aacctttntt | ttgatntntt | cttaactatn | ngcanancnt | tacntnancn | 840 |
| tntcnntttg | nntaaaatgn | gnatngggnn | acnnncatan | gaccctnnag | ctccnncatt | 900 |
| ttccttnaan | anagcncant | tcnantattc | tatttnaatc | aatnntatca | ntcnggcttg | 960 |
| ctcttttnan | cnnancatan | gatntncang | gtatntntan | gccnanntnc | naactantnt | 1020 |
| gcactcnact | atcncancgn | taataagacn | tatanaangn | tcntnnnatn | naaccttttg | 1080 |
| nctnacantn | atnttgtaga | tannttcctc | ncnnanannn | nagnntnann | ttatnatntt | 1140 |
| ncatatcann | cnatanactn | taataagtac | tntataaant | tncgnncg | | 1188 |

<210> 4338

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (941)

<223> n = A,T,C or G

<400> 4338

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gggggttttna | ataccttgct | ncttnttntt | tatgcangat | ncnntcgatt | cgnatnnncn | 60 |
| gcgaagntgg | cnnatgcnga | canggccngt | tctgnatgan | naatgnncat | ctatntccct | 120 |
| cccaaanggg | cgccccangg | atatgtcttg | ggatecnatt | ncacccatga | cgcctactnc | 180 |
| ntgctncttc | ctctnntgct | cnggtnttgt | ncacaaatnn | nnnggnanca | tcnngncng | 240 |
| tccattggag | atgtcgngna | taaactgcnn | tagatgtntn | ctaacactgn | tgnaaatgac | 300 |
| gagcatnctt | atgagacgaa | ggcntccnaa | gcngtagntg | cccangatnc | gaggtangct | 360 |
| atgtggtctc | ttatctaate | tagaaatgaa | aacgcctgtg | ntnncagcga | aanntanggn | 420 |
| acgnntgnac | actngcttna | acnnaancct | anatacaaca | ggggaaggga | aattgggggg | 480 |
| gaaaccattg | acaggnctta | tcanataggg | nttaaatnag | aggaccacc | gnttgtaatn | 540 |
| aacatgnnga | ttnatgtggg | ggaatacggg | tncaanagg | nccaggttnc | acttggtttn | 600 |
| tttttaacct | tatggccnan | tanncggttc | aatttggtat | ttggggangc | cccttttnca | 660 |
| ttttgggaan | attnggagcc | cnctaattgn | cgnggaanca | ntttgtnggn | tncccccaat | 720 |
| cnaatggggg | acccctntna | naaaacctcn | ggggggtgga | nccccntcct | taaaacccaan | 780 |
| nacgttttnn | ttgggtttnc | caanaaangc | nnaccccccg | gaaaacttnc | ccttttnngng | 840 |
| nnaatttctn | caaccccccg | ggngggaatt | ttccctngng | aaattggcaa | ttcccngttt | 900 |
| naagggtgcc | caaaaattcc | ngnttttttg | ccncaatac | c | | 941 |

<210> 4339

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 4339

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gngnggggnnn | nnnnncnatn | atacatag | gctacttggt | ctttttgcag | gatcccatcg | 60 |
| attcgaattc | ggcacgagc | tcctggcatg | aagaagatca | agttagacac | tccagaggaa | 120 |
| attgcacggt | ggagggaaga | aagaaggaaa | aactatccaa | ctctggccaa | tattgaaagg | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aagaagaagt | taaaacttga | aaaggagaag | agaggagcag | tattgacaac | aacacaatat | 240 |
| ggcaagatga | aggggatgtc | cagacattca | caaatggcaa | agatcagaag | tcctggcaag | 300 |
| aatcacaaat | ggaaaaacga | caattctaga | cagagagcag | tcactggatc | aggcagtcac | 360 |
| ttgtgtgatt | tgaagctaga | aggccaccg | gaggcaaagt | cagatcctct | tggtgttttg | 420 |
| ataaacagtg | attctgagtc | tgataaggag | gagaaaccac | acattctgtg | atacccaagg | 480 |
| aagtgcacac | agccctatgc | tcactaatga | gtagctatgg | cagtctttca | gggtcagaga | 540 |
| gtgagccag | aagaaacttc | catcaagact | tgaacagacg | ttttggcaga | aaaccaggtt | 600 |
| cttgatagca | gtgctcctaa | gagtccaagt | caagatgtta | aagccaactg | ttagaaattt | 660 |
| ttcagaacca | agagtgcaga | ccgaaagaaa | agcttttgaa | aaaccaaccc | ttaagaggaa | 720 |
| aaaaagattt | tcccactntc | | | | | 740 |

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4340

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| angttggaaa | nccngncntt | tcaaatanct | aggctactcg | ttctttttgc | aggatatccca | 60 |
| tcgattcgaa | tnccggcacga | ggncctttgg | ngtngggnat | tntncannaa | tnntnnacgg | 120 |
| acannncttc | gcnattatgg | tgntcttggg | tgntngggnt | tgttgggttaa | ccctacatca | 180 |
| taangcattn | aatgnattan | atnttgtnat | tgntgncaaa | anggaatagg | gtcnacaant | 240 |
| nctgtgngna | tnnaacctgn | ntcanatngc | ntttggnaat | nttctntacn | cnnntttnaa | 300 |
| ttccactgta | aatnntgacn | gattantncc | nantggnttn | tcnttggaga | aaatnnattt | 360 |
| tncactencn | gtctncacnt | tntatnaagc | gtattttatg | ctggcnggnc | cncatanat | 420 |
| ctacnccctt | ttgatgcctn | tggnnanaaa | taatgttaan | tagtgcgcaa | antngntatt | 480 |
| gtnttgngga | caancntaaa | tgngccatta | nnggcntacn | atgcntttat | gccacannac | 540 |
| canncngcna | nngnttttga | ttanggggnan | gcattccnta | aacaacceng | cncnatgaac | 600 |
| tngaactngn | ttgggaattn | antnngggaa | tnaanttggc | gntnatgggt | gnngggngccg | 660 |
| cctttacccc | gnccacanaa | attccttgng | caatttnnnn | ctttaaaagg | nccananggc | 720 |
| nttaatgggn | ttnggnaact | tntaancctt | ttttttgttt | gctntttang | gngtggccna | 780 |
| gatggcacaa | ncnncnngaa | ntntnggtgc | ntnaacctct | gnttnaannc | taantagggg | 840 |
| antgccaaat | ggntttttnc | tttngcncn | aatantnttt | ttcttgggng | | 890 |

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4341

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ntgnnnnnnt | tnnccccctt | cnaatcnctt | ggctactngt | tctttttgca | ggatcccatc | 60 |
| gattcgggag | aactgtcac | tccttttccc | tccccatata | aactcaaagt | cccctggggc | 120 |
| ccaattcaga | gttatgtttt | ttttggcaca | tactagaaag | gcagtgcctc | agcccttccc | 180 |
| tgaatccatg | gaggtgttct | gtttggggct | ttttagactg | ctgctgctca | gctggttgct | 240 |
| tgaactgaca | gtaggccagc | ctgttctctg | ccattcccta | gtcatcctgt | gcctcaccac | 300 |
| agcttgctta | gagcaagcct | tttctcagac | cttaggcaca | gcctctcctc | tttacctgat | 360 |
| caatgttaaa | tgtaagcacc | cctgatccca | ggacataagg | aaagatgccc | aattgtactt | 420 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ttgtttctata | gcctgtgaaa | tggctagttg | atcatttttc | cacaaagaat | taggtgttaa | 480 |
| gagttttcct | tcaggcttta | cttaggagaa | tggactaagc | tgaaagggtg | acttcaccag | 540 |
| caagaagtca | actctagaaa | ttcaaggatg | ttccttctaa | ttggtttctt | aagccatctg | 600 |
| tcanggaaat | ggtaactttt | ggnnttaatt | tttnggctta | attcccaagg | ggggtaaagc | 660 |
| ccagnaaaaa | ttngaaaaat | ggaattatct | tcttgatta | aatnagcncg | naaacctttt | 720 |
| ttcnaattct | tcaaattntt | ttaaangggg | gtcttgcttc | tttttnaaaa | gcctnt | 776 |

<210> 4342
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|
| <400> 4342 | | | | | | |
| ntggannnct | ttcccttttc | taatncttgg | ctactngttc | tttntgcagg | atccccatcga | 60 |
| ttcgaattcg | gcacgagcct | tcacagggtta | tttcacagat | atggagagct | ggaagcaggg | 120 |
| agtgagtctc | tgagtgttgg | aattgtaagg | gatcagaagc | agggatcaga | agcagtgggtg | 180 |
| aagttcatcc | accataaaac | acacagggtga | ctttgccttg | aatctgcagg | actgaagcca | 240 |
| actcttgggc | acagaccott | agtcccttcc | ttggccactc | taagtccagat | agtccagagc | 300 |
| caggcccttn | gggatgtgac | accgagataa | atcagagaaa | agctgtgaag | cttggggaac | 360 |
| agagggactt | ttggtgaagt | aggtggtctg | cagtttctat | cttcttggga | aaagcaagct | 420 |
| ggaaaagtga | acagtgggtg | gtaggccata | gtgctcccag | ctgggtgaca | taatgaccac | 480 |
| acagcacaag | tgatgttatt | agcaactgtg | tggtgggagt | aggttgtngg | cttggacaaa | 540 |
| atcaatccgn | gtgggaaaat | tgtaggaag | ttttattaca | tttaaacttg | gntaacctaa | 600 |
| aatcccntca | aaanaaaann | antctngncc | aaanttaagg | gtntnnnaat | naaaaaaact | 660 |
| ttngnnctt | taaaacttnt | cgngngccnt | nttaacgtta | aatcccgnc | tngntacgaa | 720 |
| tccnttggtt | gaattttngc | caaaccact | tt | | | 752 |

<210> 4343
 <211> 1069
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1069)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 4343 | | | | | | |
| gcncaannac | angannnnnn | nnnnaaaaa | caaccnnaaa | nnannngnac | cnannannna | 60 |
| nnnganngnn | gnancagnag | gnnangngtn | anccgcnnng | aaaccctgcg | acccacganc | 120 |
| ggnggaaccg | gcnnaggccg | gacaccnngg | cngnggncac | gcggnacagn | aggccacggg | 180 |
| gagcagaaca | cngnanacgg | cnnngaacc | nncccaccan | canagagaga | nnggaagtga | 240 |
| cagcacannt | gganaagncn | aagaccana | ngacgcagaa | aacaanggga | cangaggcga | 300 |
| angcanangn | ggaaaaanan | agcggaagaa | caganacgga | gacaagncac | caccgnnang | 360 |
| ncagaggcca | ncganaccnn | ggnnngccng | ancaanagac | aaacnccgac | ncannanang | 420 |
| cggccnggan | nanncngagg | angcaaaaga | gagaaangaa | gccagggaag | ganacnnngnc | 480 |
| atncnnnccn | ncnnacgaan | ggaaacgagn | aanncagcan | ggcnggacac | aacgacacng | 540 |
| gaagcaannn | ncgnanggaa | cngaaacnan | ccgaagaann | ggancgggng | naaatcaaaa | 600 |
| gnggaaccnn | ncgaangncc | ancncancaa | gggcnnncca | angngccann | aannngncna | 660 |
| aaaagcggcc | nccaagaggg | ncgacganga | cgnaacnaga | gnccgacggg | nagncgaaga | 720 |
| ccaaancagn | nnccaangaa | ngcagaanng | gagcnaagcc | cnngaannng | anaaaaaang | 780 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ggcncgggnc | ncacnacgaa | gccccanana | gggggaaana | acgnagaggg | gnaacagagc | 840 |
| ccnannnnnn | gcgngngana | ngacacagga | nnacaaangn | gaaaagggan | ccacancann | 900 |
| gnaaacccgg | gcaaggggaa | acncccaann | gcaaagaaga | aagaacagag | cacgcaaagc | 960 |
| agaaangnaa | caganaacaa | gggaacnaaa | gagcnggaca | cagnancnaa | nggcaacnan | 1020 |
| nngnaggcna | cccacgncan | ngnnangccn | nnagnacann | cgcnanncg | | 1069 |

<210> 4344
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (459)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttgatccata | tanatacnnc | tanttntgca | ggatccctcg | attcgaattc | ggcacgagnc | 60 |
| ncatnccnac | cactactgat | gantatnntn | caaagagnga | tacnctntgn | ctnatggmnt | 120 |
| naacnctcnt | tatecaantg | ggnaaggaac | ttggcncggg | angacgcaga | tgtgtncacc | 180 |
| tcattntcaa | ggaaanctgt | gaancccttg | cctccttttn | cttgccctng | antgtntgtg | 240 |
| acnacancgg | acnctnnnnn | catncnanc | ntgtagnnga | acggnantgg | aanatcngtg | 300 |
| cactcgtnta | tnnnacngng | agggaccatn | naccnaagnc | ancttagcaa | antggcttng | 360 |
| atgctgtggc | tgannancna | ctgcnggtgc | attcggacac | atttgcccat | nacnctgang | 420 |
| cncatttctg | nggggtcaag | ntcatnctga | tcttntngn | | | 459 |

<210> 4345
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (784)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tttnaacctt | tgcatttgan | ccctttgcag | gateccctcg | ttccaagnng | ncacnaggtn | 60 |
| ngctgnacnc | ttggctaagg | nnactgattc | tgngcncctt | acccatgttc | atggngangnc | 120 |
| cgngcctnct | ctggccatnt | gcencaacga | ntattcntnn | cccnaattg | ctnatntctt | 180 |
| gggatantag | nntanntgan | ngatttngca | agacnagaan | gtntctacnn | ntctgnccan | 240 |
| nacgtncgct | acttntnagg | ccttaacaaa | tcttggnctg | gcatgggnata | tatatcttcc | 300 |
| taangnaccn | catgncagg | tccatnccat | tcattgaatg | ccaangatan | accagctnct | 360 |
| ggtncnnaag | nagtnntnag | ncancntanc | aaaganccnn | gggcccctgg | ngnttgacan | 420 |
| cattcatcgt | ggaggaacaa | tggannnagt | ctnacttten | cnanncnann | ttctgattna | 480 |
| aggnttgtga | aagagtatta | catnancgtg | nanntcangg | ntgatntanc | ncanaaatgg | 540 |
| cancctttnc | ttgcactnag | ggtctnggcc | cctttntnca | taaaaannng | atctgaatag | 600 |
| gctttnttan | ttaccnncnn | cacaccnnt | gnantaanct | aaccctttgc | naangttagn | 660 |
| nnnctttacc | acanaggctn | ttacncaaaa | ntannnggtn | anaacccng | ccanttttct | 720 |
| agattantnc | ccaacttang | ccctgncatn | cacttgatac | angggcccct | tattanaatg | 780 |
| aact | | | | | | 784 |

<210> 4346
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4346

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| caaanccttt | gccccttttc | aaatcncttg | gctactcggt | ctttttgcag | gateccatcg | 60 |
| atcgntgct | gcgactcagg | cncnntgnat | ggnaantgac | ataatgtnan | cnanangcnc | 120 |
| tctgntgat | gagttgtgct | tggtttgunc | nagnaggaaa | ctgngnnntn | tataactacn | 180 |
| ccnangcct | ttggacaaca | gctgggatcc | aaccnttgct | nntngnnnna | ntgttctttt | 240 |
| cagnnctcn | tgggntagac | canaacantt | ccttgtnaan | ccnaacnngn | caaaacntng | 300 |
| nancagggnt | ncgtnnceca | angtnnttnn | ttanngnccc | cnnngnngna | aacnntttca | 360 |
| accccttgnc | tttgganana | nncttngggc | cntnaaaatn | nnttnnatan | naccttnnnt | 420 |
| ggggattct | ttaatttcta | ntnaaangtt | ggtggtccna | ttttaacctn | naaaatgnnt | 480 |
| ngcaatgmn | acttataacc | cttanatcgn | ttgncttaat | tgaaancntt | aacngtctaa | 540 |
| acnccttnag | ctaaanctcc | caatatcgn | ggtaaccnng | gngnatgnnt | ngggggccaat | 600 |
| ggnnntttca | annnnnctnn | aagatcctcn | gnatnnnnag | aaggatatnt | nccnncntgg | 660 |
| gantantct | ctgnnttatt | cnnncgaaaa | aganaccttt | gncctcttnn | nattgnaata | 720 |
| ttngcctngt | nttaaaancg | nngncccant | tttgggggaa | tatnnnnntt | ctnnganana | 780 |
| aaaatggggc | ccnctgggn | tactttatat | cnttntnnng | aaaannccgn | cnaanatcct | 840 |
| ncatatgggt | ggntcntttc | atgacngcgg | ggnttanttn | ntncccg | | 887 |

<210> 4347
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 4347

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tattcnatct | gctacttggt | ctttttgcag | gateccatcg | attcgagann | aggangaang | 60 |
| acnctntgcn | tggnacagg | ctntgncct | antctgaata | tgtcattccn | ncacggngan | 120 |
| cnnnagcctt | tnnnctctcc | catntttggn | aattactttc | ttgangatgc | tgcttttnaa | 180 |
| angcttcncg | tacattatcc | atntttaaaa | aaatctntgg | actggatcta | ctgaagcgcc | 240 |
| nttgctntat | taanntnagg | gcctcnagca | cctaaanntc | tngaccatnn | naagacattn | 300 |
| ntncatttna | ctnctttgta | taactaaata | ctctntannn | atttcnnttn | caatacngtg | 360 |
| ganggnaatg | anaagcatnc | taaanttggt | tnaatntant | tcnntnanna | tgtnnngacna | 420 |
| aagaagaaaa | tngcttgtn | tcaggttcat | nggcttggtc | tgg | | 463 |

<210> 4348
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4348

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ttttnaatgc | ttggctactn | gttctttctg | caggatccca | tcgattcgaa | ttcggcacga | 60 |
| gcngtntnt | netaatnntn | nnatgtnnac | ctgggnntgg | tgggtggng | cntgcagnnc | 120 |
| canctactca | ggngctgng | gcatananant | ngcnngaacc | caannggtgg | nagttgctgn | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| natecgaggt | tgcacactng | nactccancc | tgncacana | tcgagactng | tcttataaaa | 240 |
| antaannnga | nnatggnaga | cctatcagta | gggtgancac | ntgtccttnn | gctntgcngn | 300 |
| tcnacnttna | tgcgatgnga | tccantgang | ttnaaccccn | ttccactnnn | tngnnaantc | 360 |
| ntnnnttaca | tntgtgntc | cccaaaacat | ntcacgtaac | anttattcct | aggtgcagnc | 420 |
| tcnctatcnn | taggntcctg | gtnggccaaa | ttcctgggat | cangtgaagg | tgggctgtnt | 480 |
| cagtaanaan | tgaatggact | gnanagngcc | cattttacaa | ggaccatnct | tntctggggc | 540 |
| aagccaataa | attatttncc | ctntttgggg | gaaaanaatt | ttcgggancn | taaattanat | 600 |
| ttcnggaaac | cnncccnaaa | gncttnattt | tcccnnnaca | aannttngng | ganncatttt | 660 |
| tanggggna | nnanaggngn | naagggttcc | ngttggnttn | gcccntaant | tcccaaggnc | 720 |
| ntngaaaccc | ttatggggnn | accncattcn | ggataatttg | nnaan | | 765 |

<210> 4349

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4349

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| gtcntctttg | aaancccttt | gctacttgct | ctttctgnag | gnaggcatcc | catcgattcg | 60 |
| ccnagcncn | gngngcaggc | gggttgetna | tggngcnctc | ttccgcttnc | ttgntnaatn | 120 |
| actntctggn | ctngctcgnt | cngetgctgn | nancggaann | anctcnntct | aaggcgggta | 180 |
| tnennatata | cacagantna | ggggataacn | cnagacngaa | cntgtgatcg | aaaggccaac | 240 |
| agatngccta | naaccgtaaa | nanganant | agcngncta | tatccatang | ctngctgcnc | 300 |
| ntgactagca | tatcatanat | gtcactgtca | tgtnctntcn | tngaaaagnc | cgtnaggntt | 360 |
| nttatgatac | nnggcnnntt | cacttggann | ccanntcaag | cncncngctg | ttacaatgct | 420 |
| gnngetgaat | gnatacccg | ccnactgnt | nnattaggna | acntgggatc | ncttctatnc | 480 |
| actgtnacnc | tcattggggtt | ttgggnaaat | gcccangnn | nngnccgna | ttccncccg | 540 |
| aagntttgng | gnatgttgtt | gnggaccgna | aacccttgg | ncgttaccaa | ttggggggga | 600 |
| aanaaccttg | ttgggccttt | taaaccctcg | ggtaaaaacc | ttnatagga | aatttttagga | 660 |
| gtttgnccan | atnccccggn | ggntnaaggc | cnnacccaat | tgtttaaatt | ccccccaacn | 720 |
| ttgncctttg | nnnnaanggn | ccttggtnaa | accgggggga | aattccctt | ngaacancgn | 780 |
| antagggtn | ggcanggcnt | tttanaggga | ntcccttnga | aaagcggctg | gngggtnaac | 840 |
| ntttcgggct | ttgggggtga | acangnanc | tncaaattng | ggaaatcntg | g | 891 |

<210> 4350

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4350

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttnctaannn | ntncttnnna | nnnnntggga | ncttttnctn | nctccannna | tncnanntgc | 60 |
| nttnccggtt | gggagtcagg | cctgggcagg | accctgctga | ctcgtggcgc | gggatctggg | 120 |
| agccaggctc | tccgggcctt | tctctggctt | ccttggtctg | cctggtgggg | gaaggggagg | 180 |
| aggggaagaa | ggaaaggga | gagtcttcca | aggccagaag | gagggggaca | accccccaag | 240 |
| accatccctg | aagacgagca | tccccctcct | ctccctgtta | gaaatgttag | tgccccgcac | 300 |
| tgtgccccaa | gttctaggcc | ccccagaaa | ctgtcagagc | cggccgcctt | ctcccccttc | 360 |
| ccagggatgc | tctttgtaaa | tatcggtatg | gtgtgggagt | gaggggtacc | tcccttcccc | 420 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| aaggttccag | aggccctaag | cnggatgggc | tcgctgaacc | tcgaggaact | ccaggacgag | 480 |
| gaggacatgg | gacttgctg | gacagtcagg | gttcacttgg | gctctctcta | netccccaat | 540 |
| tctgcctgcc | tcctcettcc | nanctgcaact | ttanccctag | aangtggng | acctnanggg | 600 |
| gaanggacaa | gggcaaggng | ggcccatga | aaaaaaagcc | cctcnnttgn | ccnacacttg | 660 |
| ncttgannnn | ctngcttctt | nctggtggcc | ccanangntn | ggnnnttncc | aacccacact | 720 |
| gggatttnt | tgcccnttgg | gggnngnaact | tgggcccttt | cctnggnttt | tttgcennca | 780 |
| cnngggcctt | cnttggaac | ctttgtcacc | ct | | | 812 |

<210> 4351

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(938)

<223> n = A,T,C or G

<400> 4351

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| ntttctaaaa | tgccctggg | nccccctttt | ccnaaaatcc | cctttggggc | tncttttnen | 60 |
| aaaaatcgcc | tttgggcnaa | ctccgnatnc | ttatntggac | anggggaatcc | catccgantn | 120 |
| tccgganatt | tcggggccac | cggaggggaa | tttngtggn | ccatgggggc | gggttacaat | 180 |
| nananagggg | taantnacca | ttgggatgg | taaaatnana | aaggggccaat | caccattggg | 240 |
| acngttacat | aaaagnnat | cgctgnggca | agccaccaa | caattcccat | nanggaaatt | 300 |
| ttnnagaact | tttannggaa | tntggcncaa | attnttcaag | ggcccnttta | nttctcagan | 360 |
| caccccggn | cttnttggat | naatganggc | tgccggngn | ntggagnaaa | anngacccan | 420 |
| nttaaantng | gnnaccnna | tgaaagggtt | ggcncnngaa | tgaacccccg | taccctnaag | 480 |
| gccgttantic | cnaantngan | acntaaaact | nnacnaaaac | cattgtctgg | gnccaactaa | 540 |
| tgccggaccn | ttggccaacc | taanntttta | acngnncatn | ggaccnaanc | atnnaaancc | 600 |
| nggaacagnc | ggaaaaanag | gncgtganac | tnngataatg | ncatcnggaa | cnnctgaccc | 660 |
| tgnnnttccc | tatgangggc | aaaaaaaagg | cctccnaagg | gtnggaccen | tttnattmnc | 720 |
| cccnttnega | nccaacgcnt | tcattncccc | tcncaggggg | nntcaaan | ggccntcncc | 780 |
| ncntgnaaaa | cgacngtccc | ctggggcctt | ttcccaataa | atnnccccc | tttnntnacc | 840 |
| ccnnnttaaa | aanccgnggg | ngaanaaaag | tcacctnaaa | aaatattccc | ccnnnnncn | 900 |
| tgncnacc | ctnaatnctc | aaatnaaan | cntttcnc | | | 938 |

<210> 4352

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(938)

<223> n = A,T,C or G

<400> 4352

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| ntttctaaaa | tgccctggg | nccccctttt | ccnaaaatcc | cctttggggc | tncttttnen | 60 |
| aaaaatcgcc | tttgggcnaa | ctccgnatnc | ttatntggac | anggggaatcc | catccgantn | 120 |
| tccgganatt | tcggggccac | cggaggggaa | tttngtggn | ccatgggggc | gggttacaat | 180 |
| nananagggg | taantnacca | ttgggatgg | taaaatnana | aaggggccaat | caccattggg | 240 |
| acngttacat | aaaagnnat | cgctgnggca | agccaccaa | caattcccat | nanggaaatt | 300 |
| ttnnagaact | tttannggaa | tntggcncaa | attnttcaag | ggcccnttta | nttctcagan | 360 |
| caccccggn | cttnttggat | naatganggc | tgccggngn | ntggagnaaa | anngacccan | 420 |
| nttaaantng | gnnaccnna | tgaaagggtt | ggcncnngaa | tgaacccccg | taccctnaag | 480 |
| gccgttantic | cnaantngan | acntaaaact | nnacnaaaac | cattgtctgg | gnccaactaa | 540 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tggeggaccn | ttggccaacc | taanntttta | acngnncatn | ggaccnaanc | atnnaaancc | 600 |
| nggaacagnc | ggaaaaanag | gnegtganac | tnngataatg | ncatcnggaa | cnnctgaccc | 660 |
| tgnntttccc | tatgangggc | aaaaaaaagg | cctccnaagg | gtnggacccn | tttnattnnc | 720 |
| cccnttncga | nccaacgcnt | tcattncccc | tencaggggg | nntcaaanan | ggccntcncc | 780 |
| ncntgnaaaa | cgacngtccc | ctggggcctt | ttccaataan | atnnncnccc | tttnntnacc | 840 |
| ccnnntntaa | aanccgnggg | ngaanaaaa | tcccctnaaa | aaatatcccc | cccnncnncn | 900 |
| tgncnacc | ctnaatnctc | aatnaaaanc | cntttcnc | | | 938 |

<210> 4353

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 4353

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|-----|
| gnnnnnnnnn | ngnnnnnnnn | nnnnnnnnnn | nannnnnnnn | nnnnnnnnnn | nnnnngngnnn | 60 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 120 |
| nggggaccat | cnnngncggg | aanccgaagn | ggaaggngan | tnccgggggnc | cggangaaaa | 180 |
| ncanggggtgt | tggggggggg | gggccgtatc | annngaccan | ggggnggaagc | acttnggnan | 240 |
| aggagagcaaa | gacacantat | gtaaaccnag | gaggaggaga | agaangcaaa | nnngcatgng | 300 |
| aaatnnagnt | tgaagaancg | ctttttttgc | tnntcagcaa | tggtatnnat | gaacaacaaa | 360 |
| aatatagaaa | aagngagaaa | aaggcaanna | tnaantatnn | nctgaggaac | aacaacaaag | 420 |
| acaaaaaaat | gggggggggat | tgatttantn | tcccctgaca | agaaaaagaa | tnngatcttt | 480 |
| agggnctaata | gcaacctggc | agactcactg | aggngngaang | gaatgngctg | aaaaaattcn | 540 |
| agcctgacnt | ggcaagctcc | caangggaca | ccaccncaat | ggagaagaaa | gcaggaaag | 599 |

<210> 4354

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 4354

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| ttntctaannn | ntncttnnna | nnnnntggga | ncttttnctn | nctccannna | tnctnanntgc | 60 |
| nttnoggttt | gggagtcagg | cctgggcagg | accctgctga | ctcgtggcgc | gggatctggg | 120 |
| agccaggctc | tccgggcctt | tctctggctt | ccttggtctg | cctgggtggg | gaaggggagg | 180 |
| agggggaagaa | ggaaaggga | gagtcctcca | aggccagaag | gaggggggaca | accccccaag | 240 |
| accatccctg | aagacgagca | tccccctcct | ctccctgtta | gaaatgttag | tgccccgcac | 300 |
| tgtgccccaa | gttctaggcc | ccccagaaag | ctgtcagagc | cggccgcctt | ctccccctc | 360 |
| ccagggatgc | tctttgtaaa | tatcggatgg | gtgtgggagt | gaggggtacc | tcccttcccc | 420 |
| aagggttcag | aggccctaag | cnggatgggc | tcgctgaacc | tcgaggaact | ccaggacgag | 480 |
| gaggacatgg | gacttgctg | gacagtcagg | gttcaacttg | gctctctcta | nctccccaat | 540 |
| tctgcctgcc | tcctccttcc | nanctgcact | ttanccctag | aangtggngg | acctnanggg | 600 |
| gaanggacaa | gggcaaggng | ggccccatga | aaaaaaagcc | cctcnnttgn | ccnacacttg | 660 |
| ncttgannnn | ctngcttctt | nctgggtggc | ccanangntn | ggnnntnncc | aacccccact | 720 |
| gggatttnc | tgccnttgg | gggngnact | tgcccccttt | cctnggnttt | tttgccnnca | 780 |
| cnngggcctt | cnttggaac | ctttgtcacc | ct | | | 812 |

<210> 4355
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (819)
 <223> n = A,T,C or G

<400> 4355

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcttnaatgc | ttntctaagt | cttggctatg | cggatccctc | gantcgaatt | cggcacgagg | 60 |
| acctatcttg | atctggatag | taaagtgagg | acttttaaaa | agtttnttaa | attactggga | 120 |
| gaaatcatgg | agcacagatt | caagactttt | cancatttaa | aaaggtgggt | ngnctttncn | 180 |
| angcaanttn | tncttngcca | ncttactatt | tcancggnc | tatgnngaaa | aaatcaantt | 240 |
| ttgccccatg | antnanttan | gnncgttacn | ccntcncng | gagctcnagg | acctgcctgt | 300 |
| nangaccagg | gctgggcctt | gccaaaccan | ggcaatgttg | gggccngagg | ctgctgtgtc | 360 |
| tgnccaagct | ncntncagag | tccaattccc | cangcctaca | gcgctgtcag | cttgccacct | 420 |
| ggcattctca | cagagctggc | ttgnccaccc | cantgggggg | ctatannctc | agagaccact | 480 |
| tcacccctnt | ggaatcnacc | tcttttctaa | taccctctt | tggaaaaaag | agcttgnccc | 540 |
| ntnctnnang | caacactnng | aagcttntgg | gcctnggtgn | tgtaataatg | gtcttnccat | 600 |
| tnccgttgaa | acnncantgc | ccntggttgn | tgtnctcgn | cagntgtcgn | tgaggnaacc | 660 |
| ttnggnattg | cancntttan | ggccccaagn | ntccaaangn | atntncantg | naancctncc | 720 |
| ctatacccn | canceccnan | ttnanntaaa | attnccenna | aaaacccttt | naaatatana | 780 |
| aaaacncana | aacttttgng | ncctttanaa | cttttngcg | | | 819 |

<210> 4356
 <211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (913)
 <223> n = A,T,C or G

<400> 4356

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccnngcggnn | nncnncacng | nengnccgcn | gnancgnncn | nngcgcggnn | gengncnnnn | 60 |
| nccnnnnnnn | nngnnnnagt | gcancnatna | gctcccggcg | gacncagnnc | cagaccnng | 120 |
| nggncgaggg | cgcgngcnag | gnacnnnttg | nntttcggtt | tgncccncca | gccgagngcc | 180 |
| ggggcanggc | ggnnagcncc | ggncacnggg | ntgtngcnc | angngngngc | nngcggncgn | 240 |
| gggcgccttg | gtcngcgcg | gnctaccenc | ggngggaggg | agattncng | ngngcggncg | 300 |
| aggcacantg | gggcgggagn | agnanggtgc | gcgcncaggg | gnaanacngg | ctngtncgn | 360 |
| gnggccnggc | cntctnggcc | aaggagnc | nccnccgag | ngggcggnna | tcngggcccn | 420 |
| agccgnttac | nagccnnaat | cnacnnnggn | cccagaggcc | cccgggtccc | naentnggcc | 480 |
| cgaccggngg | ggnccccgn | ggggggaatt | tcnnngaggc | naanancggt | nnngnaaccc | 540 |
| gnncgccccg | tcaagagaac | cggcncnnac | nnccaacagg | gccnaagnng | ggcctagtna | 600 |
| aacaaanccc | cacgcccacc | cggcggnang | ggccncgnnn | ggnggttacc | ntatccngnc | 660 |
| cgnaagcccc | gaancggaan | ggggccnttg | ncaaaaagcn | angggttnnn | neccntntg | 720 |
| gccnnnangg | gcccncng | aaactngggg | ggggggnggn | gnccccaagt | atncggggna | 780 |
| agccctgnag | gggggggann | gtaacccttn | nnnccnta | angaaacggg | gggggncnnn | 840 |
| ccccccccca | aggggggggg | nggnttnaag | ggcganccca | ncnacnctnt | gtcngggaa | 900 |
| nnacccccgc | cgg | | | | | 913 |

<210> 4357
 <211> 745

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 4357
 tttctaaatg cttggcnact cgntctttct gcaggatccc tcgattcgaa ttcggcacga 60
 ggataggcca cattccagta agaactcaat ttgtctccca aatttgcaga aacaaaacgt 120
 gatttaaaag ctgagctttt tatcagaagc ttttttgatg ttttaagtgt tatgtgactt 180
 gttgaacttt ttaaaaagtg ctacttttaa aatcccagat actctgaatt ttagaaaaca 240
 aactaattct gattgtgtcg tgcccaagtn cccttttttt ttaatgaata nggaccaatg 300
 ccacattgct ttttatattt ctttcttttt taatgtngcc aaaacaaaaa gtagctttgn 360
 tttcctttgt attttgctac tttgcagtat ttgtgtgtgn ggtnnttttt ccttaatttg 420
 aaagggacag cactgtgtat gtttataaac taaatgaaga tnagatatta ttttgntaaa 480
 cattcatctg agaacaatca angcagtagc ccatggngct ggctnctttg cagcannaaa 540
 ccntgnacat tttgatgact gtacaacang gaagaacttt gaaaaaatca cgggtgggatt 600
 catattaccc accggntntt catttcatgg gannctttct tgatcaaaaa aaagctnactn 660
 tccgtaantn nntnatattt cctttctgtt ntentaanaa aatatngggg tgtttttggg 720
 nccanaaat ggnaattttt gcnnt 745

<210> 4358
 <211> 893
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(893)
 <223> n = A,T,C or G

<400> 4358
 nnnnaanaa anngnncana nncannanng nnnennnnnn nncannnnnn nnnngntnann 60
 nacgnaanac annnnannag nantcennnn nnnccgcneg cgnnnnnnnn ncagnnnngcn 120
 gnagnacnc tctttnaaat cncttggcng agntccatgc angnatacca cgcagcggna 180
 ggacaccngg cgntggggnt cnngtagtnn ggncacaggn ngggncntat ggcaganaag 240
 nacncagcan cnaccagag cgtaatgggn ggccganacn ggntggggng cacgatnact 300
 gtnccaanaa agacggagaa ctggcagcaa ctgcangngg cgggtggntnn cnnnacnac 360
 mnattgcnag tcatagcggc tatgtgcana ttgactggaa gagagttgaa aaagangnan 420
 ataaagcnaa aagacagant aagaaacgag cgaacaaagc ancaccngna ancaaacn 480
 taattganga agcaacagaa tngatcaagc agaacatngn ganatccagn gggatntgng 540
 gggaggctnn nagctcggac ntgcactna aggacaatga atattcncnc anaaacggat 600
 ncaaactatg aanaacagaa gtgggcagcc antaaggcag nntctcaaaa gncatactcg 660
 ccaggantct ctanggcaag gagaaacaac cnngntggac aattantcaa ttccaaactn 720
 tanccattat gccaanctgg aagcttggca aaactagnna tcngctngan aaaccaacct 780
 atatggggca tgcggaaccc ngangnantn ccccgngcaa aaacgngggc tancaancga 840
 ntnagcanaa aanatggcnn ncngtnnaag naaacctngc cctaanaaaa ccn 893

<210> 4359
 <211> 1837
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1837)
 <223> n = A,T,C or G

<400> 4359

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| cggttttggg | gnttttttcc | nngnntgggg | ggnaaaaacc | cccccttttt | tttttngggg | 60 |
| gggacanaaa | gngancntnc | nctcgnngcn | cgngcngnnn | gcgngntgcc | tnanncggtg | 120 |
| gcncgnntgt | gtggngntg | gncgtantgt | ncgctncggn | gcngcacaga | tgngcgnng | 180 |
| ggggngntnn | ngnngagnca | gtnangncng | cnagcnnnag | tgntnttttt | tngcnangnc | 240 |
| ggncnanggn | gagagntgnc | nnnngngggg | gggnatggna | gcaggngngn | ngcggggggg | 300 |
| ngnngngnng | ncgngngcgn | naggaggnng | gnggggctgg | nncgggcgng | gnnncgcgcn | 360 |
| cngtngggcc | nnngtgnncg | gngtgggggc | nnaggtggnc | gggggcaggg | gngttactgn | 420 |
| tttggcgcga | ggngngncca | nngcanggna | ncngagtngg | aganngggcg | gcggnaagg | 480 |
| ngtggnancn | ngtctngnn | gncggngnnt | tnagacgntn | cnnnnggang | agngtgagcg | 540 |
| ngnnggcngn | ngagnntgcn | cacgcagngn | nngggagcga | gnggctggng | angtatganc | 600 |
| gnggggcggn | ntgnnnggca | nnataggntn | nagtnggaca | ngcncnggtc | ngaggntntn | 660 |
| gtnnatngct | cgntnnnatg | gtgnnnngca | nnangtcgag | ggncgcgcgc | tnnaggaagt | 720 |
| gtgggggtgt | cnctntntgt | ngggttangg | nnagannctn | nntnagagct | cngggnnnng | 780 |
| ccnnnnagag | tcgcnncncg | aggtgggnnc | gacgngccac | gangtncacg | ngngtntggt | 840 |
| gnaagcatgt | nggncgtnac | gcatcgtagc | cgntnngnng | ttgncggnac | gcntnngggg | 900 |
| gctcgancnt | nanngcgang | gannggggga | agggcngcgg | nccacggtnt | ncnngactgg | 960 |
| ngtgngngag | gtctngtgcg | gtggggntag | tgngacntgc | agncnntnct | cagganagng | 1020 |
| gngggactgg | tagctnacag | ctnngntatt | nggacggcgn | gcgannggtg | nnantgtgtg | 1080 |
| ncgngngnan | ggnggncgan | anantcntcg | cggntcntga | gacggagctn | gngagcggng | 1140 |
| gannggngng | agngnngaga | nntcgtgagc | naggagaggg | agcaggcgnt | gnnagcngng | 1200 |
| agnggggtgt | cnnnangtac | agtgtgnagg | ncagagnncg | cgantnngga | gtncgcncg | 1260 |
| tntcggnnng | tntgacgtgt | ntntcggnt | ngggggtngc | gtcngtggnn | ncngngtntn | 1320 |
| nnnagggcgn | gnacgtgnnt | ntgtggggng | catagtatng | gcgctnnanc | nctgtcgng | 1380 |
| cgagaggtna | gtngntntgc | nncgcagngt | ggngnagtga | ngggcggtgt | ngtgannngg | 1440 |
| ggtgtnnccg | tnagnggcgn | gggacgtgnt | gnganntgcg | ngnnnaagca | cggagcngn | 1500 |
| gnntcgcgcg | gcgagacngg | agattnnngn | gnggagggcnc | gngcncncgg | aggtangcgg | 1560 |
| tcntngagga | gcnnngggtg | tggtngcgca | ngcgtntttg | ngcgcntngt | gactgggagt | 1620 |
| ncgctntngc | gntagagtac | ananggaatg | tnatctntcn | ggnacgggat | gganacngnt | 1680 |
| ggnganagct | gcngnctcga | gggacanatg | gcgcgcggtc | ggagnagtgt | ngngnagcgc | 1740 |
| ggacgngggg | ctgagacgcg | nnngtggggg | nnttnganan | gtannngcnt | gngngnggag | 1800 |
| nnngnntgat | gcngggagcg | nggtatatna | tgngngnt | | | 1837 |

<210> 4360
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4360

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gtnacncccn | gcntttctaa | tgtttggcga | tcgnaactntn | tgcaggtatc | ccatcgatnn | 60 |
| gaatacngca | cgaggcgagt | caaantgtnt | ntgnnagcng | anctcctnnc | gggaccngng | 120 |
| ngcngngntg | ncnntgatgc | naggggtggc | atgtnnnnca | ncaangeent | ttttgntggc | 180 |
| cnccnctttg | ntgaangang | gatgtggaag | aatgagcttg | atncttgtna | nntgccnaat | 240 |
| nngatggcca | anngattgta | tagacnctcc | catatgggtg | canaccaggt | ntcancttaa | 300 |
| ntgaatgtac | tcannnnncn | ngnccntcnn | nnntcnagnc | nccttncttn | gnactntann | 360 |
| nntctntatn | tttatganta | cccntantgt | ggtgcnnnct | tgagggggan | acanatecta | 420 |
| tgntcatncc | cngnnancta | cttttggnc | nccagatccc | catgnttttt | tccatgcnet | 480 |


```

gncaacttgn atctnttaaa tacatagggg gtgnacgngn gtataantac naactcttct 540
nggggtgntgn nganaantnt gnccangcct gatntcanc tcanagtgtt agttaaaacn 600
attnnnnata cacctttttt tnaccntttt attgggggtcn aaaaaaaant tncgtcccgn 660
tttggaann tngnttggnc cctttttntt ngnancaatc ccngaaccct ngntaaataa 720
ntanccctcn tttgaanata ntggannnng cnccttnc ntcgtttttg gtcgcnngga 780
anaaaaaag gntcntttt tcntngggat tntntttggg ggtcntngg cctttntttt 840
nn 842

```

```

<210> 4361
<211> 766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (766)
<223> n = A,T,C or G

```

```

<400> 4361
ggnttnnnnc nnnnnntttt nnnagagccg gnnnnnnngnn nnttnanaat agncaggcta 60
cttgttcttt ttgcaggatc ccatcgattc gaaacaacgg agttctcttt tctgaatctg 120
caaaaaaggg tactcacttt gtccagttat gctgccaagg aaatattcct ctgctgttcc 180
ttcaaaacat tactggattt atggttggtg gagagtatga agctgaagga attgccaagg 240
atggtgccaa gatggtggcc gctgtggcct gtgcccaggt gcctaagata accctcatca 300
ttgggggctc ctatggagcc ggaaactatg ggatgtgtgg cagagcgat agcccaagat 360
ttctctacat ttggccaaat gctcgtatct cagtgtgtgg aggagagcag gcagccaatg 420
tggtggccac gataacaaag gaccaaagag cccgggaagg aaagcagttc tccagtgtctg 480
atgaagcggc tttaaaagag cccatcatta agaagtttga agaggaagga aacccttact 540
attccagcgc aagggtatgg gatgatggga tcattgatcc agcagacacc agactggtct 600
tgggtctcaa ttttagtgca gccctnaacg caccaataga gaagactgac ttcggnatct 660
tcaggatgta actgggaata aaggatgttt ctgttggaca tgtactgaaa attaacacat 720
gtngtanctt taaaatttta gactttctcg acatgaggct ggtacn 766

```

```

<210> 4362
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (746)
<223> n = A,T,C or G

```

```

<400> 4362
tttgaancct ttgaaaccct tttgcatttg aaacotttgc aannccgctt tttgcngggac 60
cccatcgntt cgaattcngc ncnanggcaa ctttnnggaa ttcntacngt tgangactgc 120
canatgaana cctactttca actncttttt cccctctcta gaagaatnaa atcgnatctt 180
ttacttacct ctggcnaaan aaagaaaaat gaaaanagtt catttattca tncgtattct 240
atntancaaa actgantgnc aaaagtgcct tngtccaca cacacaaant ctgcatgtnt 300
tggttggtgg ntctgtcccc tnaagaacaa gctacacatc atggntacan tataaattct 360
cgatctacct taangatgag gactcctnnn agaancattt gctattgatt aatacactgc 420
ttnggcnnge nagttnanca tncntgcagn ntgtctanag accacanang ggccttttgt 480
ttaanganga atgatgntta nactnttttn aaaacctata aaatgggncc ntttnnactt 540
tgttnacant naaangcata agtnggnenc tggncantac cnantatnaa aatgtctanc 600
ttnggnaagc ctcatgaaan gngggagnng tagaccgtaa tactggccca aaggngngag 660
actttaactt ctgtgcacnn cctgggnan accacctgcn nctgcctnta tgggttnacg 720

```

agctnntaga cagaagaaca gtttgc

746

<210> 4363
<211> 900
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(900)
<223> n = A,T,C or G

<400> 4363

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|-----|
| tcttactttc | tttttngaaa | cccttttacg | caaggatccc | atccgatttc | gaattccggc | 60 |
| acgagcagag | nagccctttc | ccagnaaagc | ctggacaccc | gtgtctttat | ttngnnagcn | 120 |
| cgtgctagtt | gctttttaact | ggccgacagg | tggctgggtat | ttagcccttg | aattataagg | 180 |
| aaagatagga | cagaataaca | agcaaaaagg | gtccgatggg | ctcaccactc | aacgctaggc | 240 |
| gaaggtctca | ccgttcggcg | ataggegata | gtctcaccgc | tgggcaattg | tctcaccact | 300 |
| tgggtgataag | tgaangtccc | tctgtgggtca | ccaaaatgtg | tncagaattg | gtgggttctt | 360 |
| ggtctcactg | acttcaacaa | tgaanccacn | gacactcgna | gtgagtgtta | cagttcttaa | 420 |
| aggcagcntg | ttccggnagt | ttngttcctt | cctgattgtt | ccatatgttg | tttcannaan | 480 |
| ttccttcctt | tctngntnng | gttccctnng | tcttcgcctt | gggctncaag | ganatggaaa | 540 |
| ncctgcaaaa | ccctttcncc | ggtnaaaactg | ntttaccagc | ctctttaaaa | tttaggnccn | 600 |
| ccatttttgg | ngangtttng | ntttccnttt | cccttcccn | attngngggc | ttccnctnng | 660 |
| gcctttctct | tngggccntt | ccanggtaat | tnaaaaacct | tnnnncagan | ccttttcnnc | 720 |
| acttgcnanc | ttgttttnac | aaaccttaat | tnaaaaggcc | ccttgggtcng | aaccccccaa | 780 |
| nnaagtggaa | nccnnttnnc | ccaaanaatt | taatttngcn | aaannaacca | atanntaacc | 840 |
| canacnttn | tcaccancnt | gttttcnaaa | ggggtanccc | ctaatecnnn | atttgcncnt | 900 |

<210> 4364
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1565)
<223> n = A,T,C or G

<400> 4364

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttttnggnnt | annnganncg | annnnnannc | tcaacnnggg | gggnaaaaac | nccccacgg | 60 |
| nnagggccag | ggggnaancc | ccaaacnngg | aaaaccggg | aaaannnacg | gggcnaacgg | 120 |
| tagggggngg | gngggggccc | cgggncnctg | gggggggggc | agaancaaan | ncaagcanac | 180 |
| ngggtttttt | ttttttttna | naanngggnc | cncnacaggg | gcgngggaaa | ngccacacgn | 240 |
| gggggggggn | ggggnagtnt | gtggtctgaa | aaaaggncnn | nggggggggg | ggctactnaa | 300 |
| aagccangag | cnacangann | cnagnnaacn | cgganacang | ggnacanngc | nnnanaggaa | 360 |
| nccnncnncn | gagaaggccg | gnanngccnc | gagngnagnc | gcncnacgag | nnccaccngc | 420 |
| nccaaaacan | cnnncnacca | nnangnngnc | nnnaaanaan | angaangcgc | aaacanacnn | 480 |
| acgcaacgcn | anananaann | aaagnnngnc | ngaancgnnc | nnncnnaacn | ncnnacacna | 540 |
| ncgggnaaga | nnganggnng | nncacnaaca | acnagngcan | gngaganaan | ncagcannga | 600 |
| gnnnnagcng | acncagnacc | ncacnacaaa | gncanagggg | nccnacannc | nanaaaaanna | 660 |
| nacgnaagnc | ncanacacnc | aagancnatn | gaaaaacacn | nccccaannc | ncaacaanna | 720 |
| ggataccac | aagcaganna | caccanncna | nngccnacnn | anacgcccag | nanngnacaa | 780 |
| tagacacnac | nagcgnnanc | anaganaacn | cncnngctna | gnncgaanaa | nnannagnnc | 840 |
| aagacggacg | ngaaancgac | acaangnnnt | ncacacaaaa | ncncaagnag | actagaggan | 900 |
| ncgancacng | atacagacaa | cacacagnac | gcnnggcacg | agacaannna | agnnnngnaa | 960 |

1408

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|------|
| gacgcganac | annacacagna | nnncgcncan | cgangananna | cgngacacna | canagnngna | 1020 |
| cacatngaag | cgacnncaga | cngagngcnn | aagnananga | agcgnacgaa | nnngcanana | 1080 |
| nanagacana | acagaggagn | gagngnacca | gcanacacaa | gnnaaanaga | gcannnacn | 1140 |
| aaccnacacg | tnnacacccg | gggcanagng | agntnnacnc | nngaggncac | gcgacanaga | 1200 |
| gnaggnacac | acacngacaa | nanancgaca | cagacgngac | cnnagacang | agagngcacg | 1260 |
| acaaanacnc | gnncngcagn | gacncnccag | nacancgcga | acacgacggn | gacnngagaa | 1320 |
| anagaananc | aagacanang | ncnaananac | aacaganaag | ngnagacnca | nacananaga | 1380 |
| ntngngacan | atccgacaga | gacacganac | cncaanacng | acgcgngann | agnnanngag | 1440 |
| aagnnnnccn | gcgccgacnn | nananngna | caantcgnaa | cgangagagc | gccggangag | 1500 |
| angagcacac | acaacancac | ntnnnacnac | agcgangaag | aganacngna | gncnagagac | 1560 |
| agaat | | | | | | 1565 |

<210> 4365
 <211> 1052
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1052)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|------|
| <400> 4365 | | | | | | |
| tnctgtgtgt | cccttgnaaa | tcnnaaaant | nncttgccat | cgnannntng | cgacncggag | 60 |
| gcaccgactt | cangcnnggn | naacncnngn | ngangacnnt | ganngttttt | gacagcnnac | 120 |
| ngnganctng | ancacgtngg | ggngcngna | gaaatgcacn | cncgcncnca | gnacgctnan | 180 |
| gnngntacnn | nacttgangn | anaagnnaa | nnnaccgccn | naacagaaaa | cgnnnnggtc | 240 |
| ngacgccant | ncaggcnngn | anananactg | anganagana | nannccnggg | acgntcnnnn | 300 |
| cangaanagn | nnnnggacat | gannacnna | gnanaggcng | nnnannnnna | canaancngg | 360 |
| nnnanacnna | tnngcannna | gcnanngcnc | acctntnaca | cnaagnnaga | nnaaccgcgc | 420 |
| gngantngac | ccanancaat | nanncnnnnn | gcttcactcn | nagngcanac | ntgnntaaga | 480 |
| cggnagcanc | ccnncnaten | cgacaggccg | nnncagagag | gnatctctna | cgacacctag | 540 |
| cgcatacnta | nncacnanac | aggncgcgagc | agaagatcnc | tnannancna | nntnnatcnc | 600 |
| ncnnanaaca | tgcgntntn | naccctnnn | gtcantntga | cacannanag | tacgataaat | 660 |
| gntccagacc | gatagagcna | netctcncac | gntnngnngg | cnnngntaga | cnccaaagcn | 720 |
| acngnancgc | atntacgnnn | agnnngcntn | actncaannn | ngctnacncc | gtacgacagc | 780 |
| accantnnan | tgngtcgnnn | acaacngnng | nnnggnannn | tnngnaanng | annnccntat | 840 |
| gtnnnnncgc | cntcnngaa | ntcgaaagct | ggncntngcn | nncgnnnngn | nchnaccnaa | 900 |
| nnannacnnn | gtanancngg | ncgaannnat | annagnattn | ancnttcncg | nctanctnca | 960 |
| cgntnngntg | cnacaccagn | ggntnnncnn | ngatnaanc | nantgangag | tccgccgnan | 1020 |
| nnnncnnann | nnnagcncnn | nanccnnnn | cc | | | 1052 |

<210> 4366
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (714)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 4366 | | | | | | |
| gntctctatt | nnaatcgctt | ggctactcgt | tctttctgca | ggatcccatc | gattcgaatt | 60 |
| cggcacgaga | gtgtatccag | atctaagtaa | tctcagtga | ctatacattg | cctaaaaagt | 120 |
| ggttttgtaa | tgattttag | tcacatttct | attgggatat | gtagaagaaa | aggcaaaatg | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cttaaagttc | cttttatttt | ttaaaagcag | ctagatagac | acagacttgc | cacctcatac | 240 |
| atctgctcct | tggcaacatc | aaggggaacg | actagccaac | atgcctatgg | ctaaaaactt | 300 |
| tcctttgcag | actaaagcac | tgcttggtgc | ttcgtttttc | tacccttcac | aacatgtgtg | 360 |
| atttcatcta | agagatatat | acatgtacac | atgccctttg | ttccacctg | gatacaagat | 420 |
| cactcatagc | taattaggac | cattgttttt | tgttcatctg | tcttggtgca | tgaagggaca | 480 |
| ttagacccat | ttccattaaa | ataagttctt | ggtgataaac | tgtggcactg | ctacttcttt | 540 |
| ttaaatccac | tttatgattt | caagatggac | acttgtaaga | tgactcgaca | taaggccatt | 600 |
| gcctggaagc | cccagagctt | tcctctgttt | gtatggcccg | ttcatgtccc | aggcattgca | 660 |
| acacaaactc | aagatttcac | cacaacatga | caagcatttt | cctactgata | ttag | 714 |

<210> 4367

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 4367

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| gcctcacgct | nntgtacttt | ngttgctgtg | ttgctgtgct | gtgtgccnct | ngatntgac | 60 |
| nactacacnn | nnnaaggtg | ccngcctcc | tncnngatng | tngnaagnat | acttgacata | 120 |
| tggagnngca | ttngnctcng | ccnangtgaa | anngattgga | ntnatncnna | tgcgggggtg | 180 |
| gaaaanacnt | gnnggggnna | tatactgtga | cngtccgcca | cataaatcgg | tngccatattg | 240 |
| aactatngaa | ggctgggttaa | ngacntannc | tggctacnan | atngctgatg | tanatgnncn | 300 |
| anntgngnna | catanatctg | gntgtcaacg | natatnnnaa | tntcnnngna | cngngaactn | 360 |
| atnctggngt | gcncacagag | ctctcnngat | ttacttatca | ctatnanata | tgggggtantg | 420 |
| cggaactcta | ngcanntant | gcttcacntn | atnttgnaaa | ancatatggc | atnntcantt | 480 |
| tgcttgtaaa | gcacttcatt | cttaactgct | cctnaggann | ggtnttcenc | ncaanggnat | 540 |
| ntnaaaaanc | agntttgntt | ccttngntgg | cgnaccnant | nnttgngann | tcttccccag | 600 |
| ngnannanaa | ggttacttna | ggttccannc | ctcnttntaa | nnctttataa | tgaatnnncn | 660 |
| ctnaaanaaa | annnaanntn | nctnt | | | | 685 |

<210> 4368

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4368

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| tccttttcan | ttcactnnct | tttgttcttt | ttgcaggatc | ccatcgattc | ggtgggaact | 60 |
| ggctcaggct | ggattactct | tgtgtctgtc | ttgctgtntc | gtatgccact | gggatctgaa | 120 |
| cactaaacat | tgctaagaaa | cccacccacc | accaggatat | ttggaagtaa | cttcacatat | 180 |
| ggaaaagtta | aagactcagt | ctctgagaaa | acaattggac | tgatgcgaat | gcagtttttg | 240 |
| aaaaaaactg | tggagatat | atactgtgac | aatccaccac | atcagcctgt | ggccattgaa | 300 |
| ctatggaagg | ctgttaaaaag | acataatctg | actaaaagat | ggcttatgaa | aatcgctgat | 360 |
| gaaagagaaa | aaaatctgga | tgacaaagca | tatcgtaata | tcaagggaact | ggaaaattat | 420 |
| gctgaaaaca | cacagagctc | tcttctttac | ttaacactag | aaatattggg | tataaaggat | 480 |
| cttcatgcag | atcatgctgc | aagtcattat | ggaaaagcac | aaggcattgt | cacttgcttg | 540 |
| agagcnacac | catatcatgg | ggagcnagaa | gaaaagggtg | tccttcccat | ggatatttgt | 600 |
| atgctgcatg | gtgtttcaca | agangacttt | ttaccggagg | aaccaagntn | aaaatgtgag | 660 |

agatgtaatt atatgacatt gccagtcaaa gcccaattgc cctaaagcat gctagncctt 720

<210> 4369
<211> 808
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (808)
<223> n = A,T,C or G

<400> 4369
ttantntcat cagctcttgt tcttttttgca ggatccctcg attcgaattc ggcacgaggt 60
tttnnttttt tttttttttt tttttttttt ggggtacggn agcactttta tttttcctta 120
cacaatgacg tgttgctggg gcctaattgt ctcacataac agtagaaaac caaaatttgt 180
tgtcatntnt tcaaagaatc gagaattgng tacaaaaaaa accttacata aattaagaat 240
gaatacattt acaggcgtaa atgcaaaccg ctcccaactn aaagcaagta acagcccacg 300
gtgttntggc caaagacatn agctaanaaa ggaaactggg tcctacggnt tggactttnc 360
aaccctgaca gaccgcgaag acaaaacaac tgggtcttgc cagcctctaa agaaatccca 420
gaacactcag ccctgacacg ttaataccct gcacagatca naggtcgggtg gccacagac 480
tcaccaagcc acagacttgt ntttcacaag cacgttntta ccttagccac gaagtgccaa 540
gccacacgtt ctaaagggtg aactcaaaga tatgtacagg gtnttaaaca aatccaaggg 600
gaacagttaa cttcaatata aggncaaaat cagcacaagg tntacaatnc agngctgatt 660
taaataacaag ctttaanggc aatttntttt tgaangnttt ttccatttcg ngaggntngc 720
catgangngg gtgcattttg ncnnggggca aatttntntt ttcaattaan ccatgccaga 780
aaangtccn catttgntgg gtccgtn 808

<210> 4370
<211> 726
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (726)
<223> n = A,T,C or G

<400> 4370
ggntttttaag atcagctact tgttcttttt gcaggatccc atcgattcgc cagtccatgg 60
gcaattggca gatcaagcgc cagaatggag atgatccctt gctgacttac cggttcccac 120
caaagttcac cctgaaggct gggcangtgg tgacgatctg ggctgnagga gctggggcca 180
cccacagccc ccctaccgac ctggtgtgga aggcacagaa cacctgnggc tgcgggaaca 240
gcctgcgtac ggctctcatc aactccactg gggaagaagt ggccatgcgc aagctgggtg 300
gctcagtgac tgtngntgag gacgacgagg atgaggatgg agatgacctg ctccatcacc 360
accacggctc ccactgcagc agctcggggg accccgctga gtacaacctg cgctcgcgca 420
ccgtgctgtg cgggacctgc gggcagnctg cgcacaaggc atctgccagc ggctcaggag 480
cccaagggtg gcggaacctc ctccctctggc tcttctgect tcagtgtcac ggtcacttcg 540
canctaccgc antgtggggg gcanatgggg gtngcagctn cgggacaatc tggttaccgc 600
tcctactctg gcaactccag ccnngaacc aacccccana actgcagcat catgttaatc 660
tgggacctgn caggcagggg tgggggtgan ncannanann tnnnangnaa atttnncttt 720
taaant 726

<210> 4371
<211> 767
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 4371

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|-----|
| tggggggtttt | atanncagct | cttggctttt | gcngttnnag | aganngetac | tngnnctnna | 60 |
| gncgagctct | acatncanaa | ctnatcaatg | ctgatgtggc | taaataccta | gcctttttaca | 120 |
| tgnetgcccc | ttccaggctc | acatcatttt | atttcttttt | tctttgtctg | gtgggtttttt | 180 |
| ntttttgagg | caggagaatt | gcttgaaccc | aagaggcgga | ggttgtgggtg | agccgagatt | 240 |
| gnaccttngt | actccagcct | gggcaacgag | caaaaaactc | tgtctcaaaa | aaanaaaactt | 300 |
| gcacntgatn | aaaaanggtt | ttcatgacnn | agcatgcnc | ttnnctggcg | gacattttccn | 360 |
| gaancagacc | ctgttantcc | ttnnacttac | ctgctggatt | tttnaagcgc | taaattttata | 420 |
| acttntttga | aacaannact | ngtgaattt | tnccatttgg | gggcaaaactn | tattcntgtg | 480 |
| ancattattt | aatcttggnt | gtnaatntat | tganancccc | ttaatanntg | caatgggtca | 540 |
| aganaagctg | ccacggngtn | atnatcctct | ttanattggg | cntccantat | tantgatgca | 600 |
| ntcatgactt | ntggtttnac | ntgtntggga | tgggggccaat | aaatgnatnc | ttcaagcnnng | 660 |
| ncaaaaaaaa | ncccnnggatt | ttgattcnna | nngggnaacnt | ggngngtttnc | tgactttttac | 720 |
| cntaaattac | cttngtntgg | ntcttcattt | aaaaanaaaa | cgcntnt | | 767 |

<210> 4372

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 4372

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| gettnancec | tttccatttc | caatnntttg | gctctcnctn | aaaccctttg | gancccntcg | 60 |
| attcgaatnc | ggcacgaggg | ctaacttgcc | ttgttnnact | atngatgtn | gngtcctggn | 120 |
| ttcttaacac | tttaagcagc | tgntctcacc | taaaggctaa | tagttntaag | taagtatctn | 180 |
| tttcttttta | taatttaaaa | attaaaaaat | ttttaattaa | ctgtttttta | attaaaaaaa | 240 |
| attattaatn | atttntaata | gacaggatct | ngctatgctg | nccaggctgg | tcttgaactc | 300 |
| ctgggtctcaa | gtgatectcc | tgccctggcc | tcccaaagtg | ctgggtattac | aggtgtgagt | 360 |
| cactgcacct | ggccaagttn | natncttcag | gntacattnc | ttcagccact | tcaatcaaac | 420 |
| atnnaattaa | catgctataa | tgaatgacta | tncttaacta | ggctaaccaa | atgaaggcct | 480 |
| ttggnaacct | acctntagtt | acanccttca | cttctttttt | tttgngaagg | gaaantnnng | 540 |
| ggnnccggaca | atactcctng | nantnaacta | tngtaaccct | ttncntngac | tngaattaac | 600 |
| nngggaaatt | nggggaaant | aattgnagaa | ntgaacnngc | ttgaatcnaa | nannantcaa | 660 |
| tanaccntaa | tagncaantc | ntnttaannc | cccnaatcnn | ttagnccnt | ccaatttggc | 720 |
| cnanaagnta | anancncccc | cnggcctttt | ngccccaatc | nnnaaattcg | nnatnaaaaa | 780 |
| tnaaacccct | ngcctttaaa | ngggnaacct | tnacacgaan | gggggaaann | | 830 |

<210> 4373

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 4373

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtnttttcaa | anntnaggct | cttgttcttt | ttgcaggatc | ccatcgattc | gaattcggca | 60 |
| cgaggctctg | agtttttttt | tttttttttt | tttggaggag | ataaaccaat | tttatgtcta | 120 |
| tcatgttata | caaaaatcta | gaaataatag | atgtgtacag | aaaaaaatga | taataaatga | 180 |
| gaacacaaaa | catataatth | aaatttggtg | ttttttcccc | catgatatta | ggatgataat | 240 |
| catttcaaag | cacatgtcta | gcttcagagt | aggatttggt | cactggccaa | agcctgccat | 300 |
| gaaactatgg | ctttcagcat | ctgtctgctc | tactggctct | tgacaaaact | cttgaggnet | 360 |
| tcaagaaaag | taatgtactc | ctgggtgctc | agggtctgtc | tgagctccac | cagctcatct | 420 |
| gcaaaagtgt | tgtccacccc | tcggctcgga | aggaaatcca | ttangtggtc | atataaggcc | 480 |
| cagtccaagg | aactctgtgt | gagtgtataa | ttagtatcct | tccattcaga | ctcgccagtg | 540 |
| gactgaaagc | taacttccct | gatagagaag | atgtcctctc | agcctcgctt | ctgtccacc | 600 |
| tcctcctctg | gataatgacc | gtccacacaa | gggccctttt | gccatcatca | ttctttataa | 660 |
| cttcaccccc | gaaatttggg | aagttgatgt | cagttcaggg | tcctgnnctt | caaccttctg | 720 |
| gccttgncca | ngg | | | | | 733 |

<210> 4374

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4374

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| tcacagtttt | ttctntcccc | aancgttnga | aaattcctgc | aggatcccat | cgattcgggtg | 60 |
| gaactggctc | aggctggatt | actcttgctg | ctgtcttgct | gttctgnatg | ccactgggat | 120 |
| ctgaacacta | aacattgcta | agaaacccac | ccaccaccag | gatntttgga | agtaactgca | 180 |
| catatggaaa | agtaaaagac | tcantctctg | agaaaacaat | aggactgatg | cgaatgcagn | 240 |
| natggaaana | aactgtgnaa | gatataact | gtgacaatcc | accacatcag | cctgaggcca | 300 |
| tngcactatg | gaaggctgnt | aaaagacata | atctgactaa | aacgatggct | ttntgaaaat | 360 |
| cgtcnnatta | aanggaanaa | ananantctn | ggatgacaaa | ancatatcgt | aattatcaan | 420 |
| ggaactggaa | aanttatgct | gaaaacacac | aganctntct | tctttactta | acactagaaa | 480 |
| tatanggtat | aaaggatctt | catgcanatc | atgctgcaag | ccatattgca | aaagnacaag | 540 |
| gcntgtcac | ttgcttggan | agcaacncca | tattcatgng | nagncanaat | taaaggggct | 600 |
| ncnttctna | tggaaatatt | cgtatgctcc | nattggggct | tncncaatga | angacntttt | 660 |
| tntnccggat | gnaacccanc | tatnnnaann | tggtntacaa | cannntatat | nnttttnnaac | 720 |
| ntttnncccn | nccanancn | acncttggc | cncctctaaaa | agnantgctt | ctngtcccc | 779 |

<210> 4375

<211> 1165

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1165)

<223> n = A,T,C or G

<400> 4375

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| annaaancac | acnnnccaca | ncaanaaana | canncanana | nncnannaaa | cacaanacna | 60 |
| accnncnenn | cncnncacaa | acnnncacan | ncnncancnc | ncncaannng | cgngcttcaa | 120 |
| cnnatggnaa | gccctnggcn | acacgnanna | acagcncgna | ancnacgcna | cgcncnann | 180 |

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|------|
| cngannnaan | acacccanan | nacacgagag | agnnancnaa | cacnannana | cnnacccgcn | 240 |
| ccnanaaanc | nggncnnga | cgangccgac | gnacacanc | acaaaacncg | acaaccccna | 300 |
| acaaaangca | aaacgcgnaa | agancnang | acnannaaaa | agncgccang | anancaacna | 360 |
| gnacacacgg | acnaaccngn | accngcanac | ancnnnccac | aaaccncgag | agcnaccccn | 420 |
| acgcagcanc | ncnnccgcaa | anngnnann | nacacnccna | gccccagann | angaacccag | 480 |
| cancnnaan | cannnngcnc | nacgaacaac | aacnnanana | nnaacccccca | gacncacaca | 540 |
| accagnnncc | nacnganac | gncnaccnc | accncacngg | aacaananaa | ccaggccncn | 600 |
| aanagcgnaa | acaacccaaa | aagnaccccc | ccncanacan | caacagnana | cacacacccn | 660 |
| cncgggacaa | ncanacncac | nnaggaaaac | cccaannngn | gncaaatnan | anccccaca | 720 |
| acacagcacc | aaaangccaa | ncnccaaaac | aaggcgnaac | nacnncagcc | gcgacgacac | 780 |
| aaacaccacn | naancnnaan | cannnnncag | ggncaaaacan | ngcaaaaanng | nnggcgacac | 840 |
| actanancng | ngacacccca | ananaatnag | ccccanggan | cgacacanna | acagcgagcc | 900 |
| gaanccggna | aanaaacgna | aaaaccnggc | ncaccnacca | ggcacnacn | caacaccacn | 960 |
| gcaaaaaacc | ancnccnnaa | tcnaaacacc | ccaagaanng | ncacacacng | nncacaaaang | 1020 |
| nacccncnna | anaagggcca | anngccccan | gaacccccca | cancnnnncc | ncangaanaa | 1080 |
| naggncccna | cncanggccn | acnncaanga | cacacnaccc | caagaannca | ccacagcnag | 1140 |
| anaancanca | ccccancann | gaanc | | | | 1165 |

<210> 4376

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4376

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| tttnacactt | tngcnacttg | ttcttttttg | aggatcccat | cgattcgaa | tgggcacgag | 60 |
| gttttttttt | tttttttttc | acgtttaatt | cactttat | ttcttgata | aaaaccctat | 120 |
| gtttagacca | cagctggagc | ctgagtcgc | tgcacggaga | ctctggtgtg | ggtcttgacg | 180 |
| aggtggtcag | tgaactcctg | atagggagac | ttggtgaata | cagtctcctt | ccagaggctc | 240 |
| ggggtcaggt | agctgtaggt | cttagaaatg | gcatacaagg | tggccttggc | gaagttgccc | 300 |
| aggggtggcan | tgcagccccg | ggctgaggtg | tancagtc | ngataccagc | catcatgagc | 360 |
| agcttcttag | gcacaggtgc | ggagacgatg | ccagtgc | tgggtgcagg | gatgaggcgt | 420 |
| accagcacan | agccgcagcg | gcctgtcacc | ttgcaaggga | cagtgtgggg | nttgccgatc | 480 |
| ttgttcccc | agtagcctct | gcgcacgggg | acgatggaga | gcttgccag | gatgatggcc | 540 |
| ccacngatgg | cgggtggncac | ctcctgggag | ccacttaaca | cccanaccga | cttnggccaa | 600 |
| aanggcctta | aaccggtaaa | aaggccnctt | tnnttgccgt | ttttnccnat | aggnttcntg | 660 |
| ccccntgna | cangctttna | caaaaaatct | gnnttttatt | tanaaggtgg | gnnaaccccc | 720 |
| ccnng | | | | | | 725 |

<210> 4377

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4377

| | | | | | | |
|------------|------------|------------|------------|-----------|------------|-----|
| tttnacactt | tngcnacttg | ttcttttttg | aggatcccat | cgattcgaa | tgggcacgag | 60 |
| gttttttttt | tttttttttc | acgtttaatt | cactttat | ttcttgata | aaaaccctat | 120 |

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| gttgtagcca | cagctggagc | ctgagtcgcg | tgcacggaga | ctctggtgtg | ggtcttgacg | 180 |
| aggtggtcag | tgaactcctg | atagggagac | ttggtgaata | cagtctcctt | ccagaggtcg | 240 |
| ggggtcaggt | agctgtaggt | cttagaaatg | gcatcaaagg | tggccttggc | gaagttgccc | 300 |
| aggggtggcan | tgcagccccg | ggctgaggtg | tancagtcac | ngataaccagc | catcatgagc | 360 |
| agcttcttag | gcacaggtgc | ggagacgatg | ccagtgtccc | tgggtgcagg | gatgagggcg | 420 |
| accagcacan | agccgcagcg | gcctgtcacc | ttgcaaggga | cagtgtgggg | nttgccgatc | 480 |
| ttgttcccc | agtagcctct | gcgcacgggg | acgatggaga | gcttggccag | gatgatggcc | 540 |
| ccacngatgg | cgggtggncac | ctcctgggag | ccacttaaca | cccanaaccga | cttnggccaa | 600 |
| aanggcctta | aaccggtaaa | aaggccnctt | tnnttgccgt | ttttncnat | aggnttcntg | 660 |
| cccccntgna | cangctttna | caaaaaatct | gnnttttatt | tanaaggtgg | gnnaaccccc | 720 |
| ccnng | | | | | | 725 |

<210> 4378

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4378

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|------|
| nnngnncccn | nnnnnannna | cgnggcgcen | acnncnngnn | gnangcgccc | cnncgacccc | 60 |
| ganangnacn | cnnncagngg | cntncnncan | angacggngg | nnnnnncaca | nnacnncnng | 120 |
| nacgnngncn | ccgangnnnn | gcegnncng | cnnncnccgg | ngccccnttn | gaaacnctng | 180 |
| ggaaatccga | cacnccnctc | ngancagcc | anaccennac | cgncggggga | ngcnnaaanc | 240 |
| nncacggcan | ngngncgngn | anacnancnc | ggnnncgcn | ggncngaca | cgnacgncgc | 300 |
| ccnccngncc | cngncggcgn | cangngaaag | ggngccgngg | ccngncggn | cnacnncgc | 360 |
| cagnnanncc | ngnncgcnng | caengnnccc | ngccgcncnc | nnncgtcncc | acnncnccgc | 420 |
| nnanccngcn | cggncagntn | cgagagcna | ngcccgcgaa | gaaaaccgcn | ngcgnngcgc | 480 |
| cccacnggcg | acnacgccag | cnncncnngc | ntagnggnca | nacnnanccg | ngcggngng | 540 |
| ncnnncannn | gacanangcg | caccacggcg | gcnaggcna | ggacgaanng | gcgaccnngc | 600 |
| gagccnanga | nnanccggna | tngccanaac | cncaacggcn | ncngnnacgc | gnnacngggg | 660 |
| cnaatncaat | cgcnnnganan | gacacancag | nagcgctgc | nnncgcnnan | ncgnnacact | 720 |
| cacacnncac | cngnggccct | caagngagcc | gccantngcg | ngnnncaaag | cangcanngg | 780 |
| accatanngg | naacaggcac | aangggcantc | gcacnanggc | nncgnggann | caccccnata | 840 |
| gnacggggg | agcangaacc | aaggggcggg | cccgccccna | nggcnnaaag | cggncaggct | 900 |
| gcacnggncg | gncncannaa | gacggnacnn | nnngnccacg | ggaggggacc | accgcncnc | 960 |
| acnggggggn | ncnanggnnc | ccacagggna | cngnncgcen | nncccnagn | ccnccanggg | 1020 |
| nacccgnaan | ggnaaggcnt | ggggggccccg | | | | 1050 |

<210> 4379

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4379

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tntcaatnct | nggctctcgt | tcttttgtag | gatccctcga | ttcgaattcg | gcacgaggtg | 60 |
| ttcagcttgg | ctggagcaga | ggcaggagtg | gggaactggg | gacnggtgan | actagaggtt | 120 |
| ggcngaaacc | agccatagta | gtttttgcct | catttggaca | acaaggagcc | atccaagaga | 180 |

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| gagcgggtgaa | gctgatgggtg | acacagccat | ggcgcattga | aataccccca | gtggctgtgt | 240 |
| tgtaggggtat | attggggttg | ggagggacaa | ggtcaggagg | catagactcg | acatcatctg | 300 |
| atgtgattca | ggacagaatg | gcgagcctga | agtgaagtgt | ctgtaggata | agttggaaaag | 360 |
| gaaggaacca | atatgagata | ttaaagaagt | gaaagctata | ggccccagtg | ccttaataaaa | 420 |
| ggtaaggagt | aagagaagat | tcgagattga | ctcccagact | ctccagctcg | ctggacatgg | 480 |
| gagatggaat | agaagttgat | ctcgggtgtg | tcanaggaga | gcagtttctg | tggtgagcat | 540 |
| ggatagcctg | cgntccccaa | gagaangagt | tccagctgnc | ttgtaataag | ccaangcnaa | 600 |
| ttatggngna | gatccaccct | tgggagcnac | ttccttaggg | ggccnacnct | tnntagcccn | 660 |
| ttanttaann | anttcccccc | cctanatnnt | tccttnggnt | ttaaancnctg | naaacttntn | 720 |
| tttacnnttt | c | | | | | 731 |

<210> 4380

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4380

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| tntcaatnct | nggctctcgt | tcttttgcag | gatccctcga | ttcgaattcg | gcacgaggta | 60 |
| ttcagcttgg | ctggagcaga | ggcaggagtg | gggaactggg | gacnggtgan | actagagggt | 120 |
| ggcngaaacc | agccatagta | gtttttgcct | catttggaca | acaaggagcc | atccaagaga | 180 |
| gagcgggtgaa | gctgatgggtg | acacagccat | ggcgcattga | aataccccca | gtggctgtgt | 240 |
| tgtaggggtat | attggggttg | ggagggacaa | ggtcaggagg | catagactcg | acatcatctg | 300 |
| atgtgattca | ggacagaatg | gcgagcctga | agtgaagtgt | ctgtaggata | agttggaaaag | 360 |
| gaaggaacca | atatgagata | ttaaagaagt | gaaagctata | ggccccagtg | ccttaataaaa | 420 |
| ggtaaggagt | aagagaagat | tcgagattga | ctcccagact | ctccagctcg | ctggacatgg | 480 |
| gagatggaat | agaagttgat | ctcgggtgtg | tcanaggaga | gcagtttctg | tggtgagcat | 540 |
| ggatagcctg | cgntccccaa | gagaangagt | tccagctgnc | ttgtaataag | ccaangcnaa | 600 |
| ttatggngna | gatccaccct | tgggagcnac | ttccttaggg | ggccnacnct | tnntagcccn | 660 |
| ttanttaann | anttcccccc | cctanatnnt | tccttnggnt | ttaaancnctg | naaacttntn | 720 |
| tttacnnttt | c | | | | | 731 |

<210> 4381

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4381

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| cnttcttnan | nnnatnttcg | aagnnnnenn | nnnctntntna | gttnnnnnnn | ntccngttct | 60 |
| aatgcttggc | tancnngcg | ctcnaacgcn | ctttcaaacc | nagctctngn | tcttttgcag | 120 |
| gncccatcgn | tcgaatcggc | acgaggtcgn | ttcctcaaga | aaatgaagag | ggnaggatgg | 180 |
| ctcagggaaa | gttnatcaga | gggnaaatgt | cactctgtaa | agagtaaaaa | atntaggtatg | 240 |
| atgatncnga | tctgggaaaa | aaaggcatag | tgaagaccac | ttaaaaacaa | acaataaaac | 300 |
| ctatgaaggt | gcatgctatt | tcccanagc | taaaaagata | agtgaatttg | tgttttgaac | 360 |
| tcttaagtgg | aggtgaagca | caatttatta | gccaccaacc | acataagtga | ttatgaagta | 420 |
| actgagaaac | aggtnacatt | ttttcccaca | tggacaaaac | tttctctttc | tagaatatta | 480 |
| agtatctatg | atnagaaatg | aagtagcatc | tcaagcagtt | tataaatcta | ccagaatatt | 540 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| agaatcacct | gggacctttg | aacgtactca | tgcccnatng | notacctnta | ttcattttntt | 600 |
| tttttcgtaa | gatattgggg | acttcaactt | cnggncttaa | aangatccnt | cccacctccg | 660 |
| gccctcctaa | aagttgtgag | ggattntcaa | ggccttgagc | ccnctgtgg | gcncgtgcct | 720 |
| tctnatggtc | ntgcttttng | acccaattta | natnnaatca | tcttgngngg | ttggnnccnc | 780 |
| tgggcctnta | aagnatnttt | taaaaanttn | tccnaanggg | gncnactnaa | tttcttatcc | 840 |
| tatcgatttg | tnnanccnc | nggcctaata | ccttgnnnat | ctctttncct | | 890 |

<210> 4382

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4382

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gggggtanga | nccctttgan | accnattgct | acttgttctt | tttgcaggat | cccatcgatt | 60 |
| cgaattcggc | acgaggaagg | atccagcatt | cggaggcaaa | catgaagctc | catcctctcc | 120 |
| aatttcgggg | caaccatgtg | gagatgatca | aaatgcttca | ccttcaaaac | tctcaaaggg | 180 |
| aagagttaat | acagagtatg | gatcgtgtag | atcgagaaat | tgcaaaagta | gaacagcaga | 240 |
| tccttaaact | gaaaaagaaa | caacaacagc | ttgaagaaga | ggcagctaaa | cctcctgagc | 300 |
| ctgagaagcc | cgtgtcccct | cctcctgtgg | agcagaaaca | ccgcagtatt | gtccaaatta | 360 |
| tttatgatga | gaatcggaag | aaagcagaag | aagctcataa | aatttttgaa | ggtcttggcc | 420 |
| aaaagttgaa | ctgccactgt | ataaccagcc | atcagatacc | aaggtgtcca | tgagaacatc | 480 |
| aagacaaacc | aggtgatgag | gaaaaaactc | atttttatctt | ttaaaagaag | gaaatcatgc | 540 |
| cagaaaacaa | agggaaacca | aaaaatctgg | ccaccgttat | tgatcagctc | atgggagcca | 600 |
| ttgggaagaa | aaaaagtggg | ncagaanttg | aaaaataatc | cttcnggagg | gaaaagctta | 660 |
| aaggaaagcc | aaaancaaag | gggaattnct | tttgnaaaag | ccagtttttc | cagaaaantt | 720 |
| cggaaaaacc | nanngaggaa | ccagccangg | aaaaagattt | ttcancccca | aatttggggc | 780 |
| cannaangg | | | | | | 789 |

<210> 4383

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1266)

<223> n = A,T,C or G

<400> 4383

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| angntttncn | cccctttttt | tntgaaaaac | cccccttttt | cgnanaactn | ccccngtctn | 60 |
| cctgatnntn | gcgangnnnt | acgcccatat | gggattttctg | taattnnngg | cctaccggca | 120 |
| gnagangatt | atngntatag | naaaantttg | tggtattgtg | tctcntgtca | tccgnetggc | 180 |
| ncannnatct | gtnganaanc | ncnnnnntnt | tggtttacat | nccanntctn | agttnaacgc | 240 |
| tgtaaactnt | ngagatnncg | tgngnacgac | anengcctct | ntcatggctc | nnatnacttc | 300 |
| naccanaana | tagtatangn | ngcnnntttg | agcagnnccc | cnatcntncn | acgacnante | 360 |
| gctaanangc | ttctacgatt | cnntttttgt | nnnactngtn | cctttannat | ccttnncnnn | 420 |
| taangccnan | ttgtngnana | ctancgcact | ntgcaaaatn | gntantttnt | ctaactttna | 480 |
| taaaatgnna | gtgcnaatac | ngntttcann | nttannnnat | anaaaaagga | antngantcn | 540 |
| tgtntctncc | cctttcangt | anangnnenc | ctagnnngat | tcnntnngtn | anntattctt | 600 |
| atancgcgng | gtagaaangc | ctactttgtg | ngtannattt | ctcttctatt | natnnngttc | 660 |
| ctctgttnta | cntnnntgaa | ncnntttagn | angaaggacn | gnanaaacan | naccnacngc | 720 |

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| nnnaggntnt | tnnngentan | aatanngant | acttctnang | nccnnttcac | tttctnatagn | 780 |
| aaccctccgt | ntgtgagncc | tttctanttc | tnatacnaat | actctttnga | tnccgccacan | 840 |
| ttntnnntan | ntntnnnnnt | tnntnagtnn | atgttnnncc | agcannttct | cnntnccttt | 900 |
| ctnnnacnaa | ntntgnaaan | nngctttctt | nnnnacntag | tngnannnat | caanccctnt | 960 |
| ncnctgtgcg | tentnanata | ttncnnntct | tantcnnncn | ncntanacg | nggcntanat | 1020 |
| accnactnan | ntataatatg | ngnncnngtc | gntnatttnc | aggcattctc | tgngntncnt | 1080 |
| ntcttatenc | entcgtntcg | tgtnccnngct | agnnntanta | ntancgtnan | ncatntcagt | 1140 |
| atacnntctn | tentgtgngn | gcatacncta | nnaatntact | gntnctcaen | ngcntgacnt | 1200 |
| acgntangan | tngaanggag | tgcccgnnnn | tgcnatnta | tctcncgcac | ctntaccnac | 1260 |
| tntncn | | | | | | 1266 |

<210> 4384

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4384

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|-----|
| aggggtnnnn | nnnnnnnttt | gaaaggcggt | nnnannnnnt | nnnaatatna | gctacttggt | 60 |
| ctttttgcag | gateccatcg | attcgaattc | nnncgcgagcn | gggncgnang | nagccatggt | 120 |
| gccagccgn | aatggcatgg | ncttgaancc | ccacttccac | agngnctngc | agcngcnent | 180 |
| ggcnncttgg | ctcaacnagt | cgntcctgga | agaatccgna | nacgtatggg | cnggacaagt | 240 |
| cnaggcgcac | cgcattngatt | gacacgccnn | ntgtcgggat | cccatgnggg | tcattttgcn | 300 |
| catgncncan | gggttcgntgc | nacacanagg | tgctcagccg | agcnnnggatn | tagnctggag | 360 |
| gagcttaggg | tgnccggnnt | tcacannann | gtggtccegn | ccattgnent | ttgtgtngat | 420 |
| nngnagaggc | anacangnc | cannngnttcn | ctgcatgcc | acgtgcagcg | gntgaaagan | 480 |
| tccgattcan | actgatnctc | ttcncncga | agnnttcngt | ncctanaacg | gagacanttn | 540 |
| tgnttaaaga | actgatactt | gtcannncgc | tggaccggan | cgnttatgcn | cttctctggaa | 600 |
| cgtntnnnn | aagganaaaa | ctntaattaa | tactttggga | anagaanaat | ttnanagcct | 660 |
| tcnatangtt | tcganttggt | cgtgccaan | nggcccggtt | tttttnacct | nactnnccaa | 720 |
| nanganccca | agggagccc | ttncacang | gatngtnaaa | agaanaanat | taancncnt | 780 |
| ncntg | | | | | | 785 |

<210> 4385

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4385

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| nnnnnnncann | annnnnnna | ngnnnnncna | ccannnnnnn | cnacnnagng | nncccgetcc | 60 |
| aaagccggca | anncccgcn | cngcnnnttc | aaacnttgca | ngcggcacnn | gnngnncccn | 120 |
| acgangcgcc | agcgcgcgng | anacngngct | gccaaagaaan | gngngcnan | agncgggect | 180 |
| ngagaacagn | acagngganc | gtcanaagca | gngggangac | agacgacnga | ngaaacntag | 240 |
| agcccaggg | nagcngacg | acggaccagn | tcccaaaggc | ngnggcccaa | agcngacnag | 300 |
| ntnnaggaag | aaanacngg | gacacaaccg | gagacanccg | annaggagcn | gacnganntg | 360 |
| gacccanang | gcaagaagca | ccnaaacang | ncacccacca | nacgaccggg | gaaggcacga | 420 |
| acggtcngag | cacgagnaaa | acnggaacna | ancaacgcgc | acacannng | aganagaaac | 480 |

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| accnnaaca | ancnaancgn | gggaanangn | agaccgggacn | cagaagaang | gcncaagann | 540 |
| cggcannгаа | cccnnaancn | gacggaannc | agggncggng | ccaacaagan | ggcnangacn | 600 |
| ggncaanmna | nggccggcnn | ggaaaaacga | ccaagnngnn | cnccaaaaaa | gacanggcaa | 660 |
| aagnaacgg | gcaaagggca | ancnnaagg | nnaagcccna | naacgcgcan | ngggagcaaa | 720 |
| angnnccaag | ngaggancna | aagangggga | aaggggcccna | cnaagngggc | ggnaannngg | 780 |
| cgaannnaaa | acanagggng | ggggccacng | gnaaacccaa | gcgcgaaann | ccnggcncna | 840 |
| agggccccga | aaacangggg | ngacaaaaac | ccnngccaaa | accnnanggg | ngggnncccat | 900 |
| cgngannaca | naaggngaac | cgnccaaggg | ggcanaaaagg | aaaggccatn | nnaangnaaa | 960 |
| agagccg | | | | | | 967 |

<210> 4386
 <211> 1118
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1118)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|------|
| tnngcttttna | atnccttttc | nattccaatg | cttgggnnact | ttcaacacga | tcccatcgat | 60 |
| tccgaattcc | gggcacgaag | caggagctgt | gatctgcccc | caggtattct | gacccccaaa | 120 |
| ctggctctca | acccatgttt | acatggatgg | aaaanggaan | agggtgactg | gtngtatcaa | 180 |
| gctcttaaag | ggccttactt | ttgggtggaa | aatgggggacc | ctaaaaattt | ganttggtt | 240 |
| acttggantt | nccttntctg | tcaattactg | gaaaaatttg | ggcaccttca | nttaanttta | 300 |
| aatncttttt | ggaaactttt | taccattaaa | ccttggnncc | tttaaannt | anntatttng | 360 |
| nccaattgna | ngaaantntt | atctcttnna | ttattcatta | aaaatantnt | tnccnnnagt | 420 |
| ctccnatctc | ttttgntaat | aagnngcccc | gnatnctcaa | ntntacnata | tgttnnaagtn | 480 |
| ntnagtcttn | acanccagat | tntntnttn | anttataant | tgntnananc | gnttnannta | 540 |
| nmntatnngn | naacttenta | ctgggtccaan | gnntgtngga | atgttcanan | ttaactantg | 600 |
| nantntngga | aantacaact | nggtntanc | aaancntcgg | nannngtggn | canttattcn | 660 |
| nnngnanaat | gnnaaatgnn | gnantcgcan | gnttccnang | mntctananc | cnnaaatctc | 720 |
| nangcgnann | canttcatnn | ncggttacct | ccnatnagtn | acctcncgna | ngntatatgn | 780 |
| agncatgntc | ttntgttagc | aattgaannc | atcnnncnat | cnagantcca | natantaatc | 840 |
| ttncngntaa | nencgcttna | ngacgcntt | gntatcccn | tcnggatgtt | atatntacat | 900 |
| nnatacannn | tgnntganaa | aatacngtnc | ngntcnngga | naatctnagc | tggtntctcac | 960 |
| agnatcttan | cgtgnaatna | ccntanattg | tncccccncg | cggngtggtc | canantcgcc | 1020 |
| nntagagcnt | catntcnngn | nattngacgg | taatnctgat | atntntctc | acncagattn | 1080 |
| cnnctaataa | aagngnnnta | tttgtagaaa | tgacnccg | | | 1118 |

<210> 4387
 <211> 486
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| cgcttttttaa | gctncttggt | cttttttgag | gatcccatcg | attcgaattc | ggcacgagac | 60 |
| tctggcacag | ccagagtcac | tggtctttca | agcagtcatt | catatcagcg | ggntgccatt | 120 |
| netgnttttg | agcactagnn | naaaaatagct | gcactatccg | gngcgnntat | ncnaagctgc | 180 |
| ncgcnnngng | cttgcnttct | tgngggngnt | ttntttgnaa | atntcaaaaag | tttctaattcc | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tnatgccnct | ttttgggnaa | anncaagann | aagtcaatcc | tncccttggg | gatccngngt | 300 |
| tccccnttca | atcacgattt | gtnggnntc | acncgattta | tntttacnan | gacacaggnt | 360 |
| tattganeng | ttangttntt | aacatctngn | aanctnaant | gtngctgnat | gnaatnggcc | 420 |
| tnnncanttc | ccatnacntt | tgccctnncn | ngnggngccc | tancgtngtg | ngnntnaatg | 480 |
| ccnnan | | | | | | 486 |

<210> 4388

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4388

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| tcncccttng | aaatcncctt | ggatnttgct | ttcnaatnnc | tggtcttgn | tctttgngca | 60 |
| ngaatecnnc | acgagggann | gctgtcngan | antctgtnt | anacggnaan | nccctgaatt | 120 |
| nancatcnac | agtgtntntc | ttngaancan | nnntnctaaa | ntcnntcatg | anatggaggt | 180 |
| gattaagatg | gcccttgctc | ntggatgnca | nacttnngnc | agaatnnacc | tactntgacc | 240 |
| ataggatact | ttntntgtta | ggtgtaaagt | gttctnctnt | actaatcnga | nnnggannat | 300 |
| annnatacaa | cnttntangg | gatccntann | canntnggaa | cagcngtnga | tgncnctttt | 360 |
| nggagggtat | tcatntnnca | ntcntgatna | aanntnccctn | attntntntn | ctactgancg | 420 |
| aacnnntgca | nnaagtgtat | gaanggtgcc | ccctgtncca | atgatnctgc | antgctgnat | 480 |
| ncagcctttt | ctgggagcac | cgggtccaagc | gttccggaat | tgattatccc | natcatttnt | 540 |
| ganntgtnac | tggaaaatnt | nngnctnatg | cantnaaaaa | tgtacttgge | ttgctttttt | 600 |
| ncaannngnt | atttncntct | ttgggaagta | ataaaaaccga | ttcnaccctg | ngaaaccggt | 660 |
| aaccaaattt | tcntgggtatt | ttaaggncct | tttttccctg | tntganggtc | ggagtcnttg | 720 |
| gnnccnannt | atttttttgg | ggtttttngg | naagaatttc | ctaaaantaa | anntttntnt | 780 |
| ctacccattt | ttnananata | aantgannta | anaaaaattt | cctgcccttt | tnaaaacttt | 840 |
| nt | | | | | | 842 |

<210> 4389

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 4389

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| nnnnntannn | nnctntnnnn | anntntanng | atntntnttt | cnnnncnnat | nttannattn | 60 |
| nnannctcnn | nnnnntantat | annagnnnnn | nnntatntnan | gantnnnnnn | nnnnnatnan | 120 |
| nanatnnnnn | nnncnnnnnn | nnnttttcat | tttngaaaacn | cccttaccgt | gccgcnttng | 180 |
| ccagtatccc | atcgnnncgc | aacnaccctt | acnnaaaaaac | tntaaanaaa | ntggctagca | 240 |
| acgggttntt | tcatncgggt | gtctcttnat | ntaagtttnc | taagttaaga | aaagctgggtg | 300 |
| acatattnat | acgtntttgt | gcaaaaataa | atgaatggca | ntagnaccta | aaaanatctn | 360 |
| tattatgtac | ttntgtgtga | aaaagtntgt | ataatanttc | cctnaaatat | gcattatttt | 420 |
| acttgtgagt | tnttntctga | attaatctga | aatgtncaaag | ccctggattn | gctacagagt | 480 |
| gagaagttat | ngctattngt | ttcttatttg | taatgcttgg | aaatgctgca | caaatcacga | 540 |
| agctcttacc | atgggttgaa | caaaaaaagg | ggaaatgggg | aggggaaaag | ggtgggatag | 600 |
| cccagcatgc | ttgtntggta | tattccag | | | | 628 |

<210> 4390
 <211> 676
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(676)
 <223> n = A,T,C or G

<400> 4390

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| atncttggct | cttgggtcttt | tgcaggatcc | ctcgattcga | attcggcacg | aggagttttt | 60 |
| tttttttttt | tttttttttc | attttttataa | aaatgtgttt | tattgtttta | aaacaagtct | 120 |
| ataaaagtag | aaatcacatn | caaaaataca | gattactctg | acatgttggc | aaaatagctt | 180 |
| atggctggac | ttgagtttgg | aagttctgta | tgtttgaggg | catccgatgt | cagagtccaa | 240 |
| ccggatccta | accccgactc | ttgtcactaa | tagtaaagtt | tcaggtatta | tatcatagca | 300 |
| ccgactgagt | gataggtggt | ggaggtagtt | gagctggaaa | aattcctgaa | agcagtcatt | 360 |
| cttttagcatg | acactatcac | ttaagtctag | atggacaaga | ttggggcatc | ttctaactaa | 420 |
| agtagagaga | tctgatttct | ggagattctt | tctgtagccc | gctaagattc | agctggggtg | 480 |
| atggtctctg | acacatgcgc | aacagcacct | gtcatgcttt | tcaagtggaa | tcaaacacca | 540 |
| ggagaggtca | ctatccagct | ggacagttn | tnccaannnt | gcaggcaatc | aggaatccga | 600 |
| cccccaaagg | taatcccta | attgagtttt | gcanagnttg | catggacca | aaccgagctt | 660 |
| cagcttaatn | tgactg | | | | | 676 |

<210> 4391
 <211> 946
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(946)
 <223> n = A,T,C or G

<400> 4391

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|------------|-----|
| ttctaattgct | tggctctcgn | ncttctgcag | gatecctcgt | tcgaattcgg | cacgaggntg | 60 |
| tcacangnnn | nntgtntcca | caggcaccac | tngetangtc | tnacctgtgn | tgnetgttnc | 120 |
| aacnccggggc | tangnanget | ngtattccac | ntggataact | aanccntggt | cataccgncc | 180 |
| ntgnacgtgg | naccngctnc | naggagatgc | aacnanacat | tctaagatgc | ttatgatcct | 240 |
| taentgtatc | tttctntttg | gngattcttt | tanattggat | ggtgcaatgg | agntgaatna | 300 |
| ncttnnnnnc | ngctctnntn | annnccnntt | nnatngnan | naactttncn | nnnnactaaa | 360 |
| tngnccactn | atactaattg | gcttagatgc | atatnttacc | ctcttnaagt | gntaaaaccc | 420 |
| tttagaatcc | naaggaccag | ngtcaancgc | aacanncttc | taggacctat | gcgaagctnt | 480 |
| gacttgancc | ttgggggatac | ccntgngngt | tanctcngat | natgtttcgn | ggaccngcnt | 540 |
| ngacncatnt | anagtnttgc | nncattggna | ngnccctggt | aaatccccaa | ntnggaaanc | 600 |
| cnnttagggg | ttttanangc | ttnnngaacc | ccnnccccgg | gntctttggt | gncccccgat | 660 |
| atgngggggn | aaaaccgggt | tcaaaaaaag | ntcnaacttt | gggggttnant | ttaaaatttt | 720 |
| nggggncctt | tttggangta | accctgngna | aggtgcatan | atattggggc | gggaantttt | 780 |
| ttnggtgggg | ggccancctt | nggngggctn | ncattttanaa | atggcttaaa | naaaanttta | 840 |
| accnccaann | antcnnatnn | ncnanaaach | ncnttccngn | acaanactcc | cttnnaaanc | 900 |
| nnccnntcn | aatggtcaaa | aantnttcaa | ggancnggnt | tanaan | | 946 |

<210> 4392
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 4392

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| caaatcnntg | gctcttgttc | tttttgcagg | atcccatcga | ttcgaattcg | gcacgaggtt | 60 |
| ggcttggtgt | ggatgcaggt | tgtcttcaag | gaggatctgg | atgccctcaa | ggaaaaattt | 120 |
| cgaacaatgg | aatctaata | gaaaagctca | ttccaagaaa | tcccaaaact | taatgaagaa | 180 |
| ctactcagca | agcaaaaaca | acttgagaag | attgaatctg | gagagatggg | tttgaacaaa | 240 |
| gtctggataa | acatcacaga | aatgaataag | cagattttctc | tgttgacttc | tgcagtgaac | 300 |
| cacctcaaag | ccaatgttaa | gtcagctgca | gacttgatta | gcctgcctac | cactgtagag | 360 |
| ggacttcaga | agagtgtagc | ttccattggc | aatacttttaa | acagcgtcca | tcttgctgtg | 420 |
| gaagcactac | agaaaactgt | ggatgaacac | aagaaaacga | tggatttctg | cagagtgata | 480 |
| tgaatcanca | cttcttttgaa | ggagactttct | gggaagcaac | ccngatcatt | tccgcacctt | 540 |
| nagccncatt | tagaactttg | acnattaaaa | ccccagtggt | gaaatttgaa | ccagatgggt | 600 |
| gatananctg | ccacttttga | aaagacaagt | ctttgggtca | antcncanc | ngaccngntn | 660 |
| ccgtaaaaat | ccaaagcttt | nnggaaagaa | gaattnttnn | aaattcttag | ggnttccaac | 720 |
| c | | | | | | 721 |

<210> 4393
 <211> 1102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1102)
 <223> n = A,T,C or G

<400> 4393

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|------|
| gggggggngn | nngggggng | nnggnncng | ggggnncngga | gggggnnnnn | gggcaggngg | 60 |
| agggtnaanc | cggttnggnc | nnngnncnc | ctagngaacc | cttggaann | cccgnagcag | 120 |
| gnccaacgaa | gcgaaggcgg | cacgagaagn | ggaccaacgg | gccancnggc | nnggttntg | 180 |
| gggccaaagac | ggggganenc | cncnnggcng | gggggggnaa | ggaggggcn | nccngggggg | 240 |
| nagggnaaaa | aaancncnc | agngggnaaa | ggganngggg | gganaggggg | ncnggggaac | 300 |
| cnnagaggaa | ganaaggggg | gcgggcnana | nggggnngnan | aggggnnagg | gggggnncng | 360 |
| nncgcncggg | anngannnnn | ngaggagacg | cccngggggg | naggggaaag | cagaaggggg | 420 |
| nngcngnnca | ngggggganc | angggggnga | cncgccggang | ggccnggagg | gggcgnaaaa | 480 |
| cngnggggcc | ccngggnggn | ccngggggag | nngagancgg | aagngganen | nncagnaagg | 540 |
| aggngngnnc | gngngggggg | ggnnnaaagn | ncaggagacc | cngnnngnna | ggnggccnng | 600 |
| ggggccnggg | gganagggcc | gacnagnggg | gggncangng | nngggggng | gnngcgnnnn | 660 |
| gngcaggngg | cgangcangg | gnngacggng | ggaggcacgn | ggngngnang | ggggcgaggc | 720 |
| ngnggngggg | ngncgcgagg | nnngannggg | ggggggngaa | ggngngcggg | gganancnggg | 780 |
| gggngngggg | nagggngggg | ngcgnngggg | cggcggcnag | gnnggnngnn | ggggagggga | 840 |
| ggannngggc | gggagnggn | ccgnngggcg | ganngnngan | gngcggggang | gnngcgagg | 900 |
| cgngnggggn | cgcgngnggn | ngnggganng | ggngagnggg | gcgnnggggc | ggancggggg | 960 |
| gcngggagang | aggagngngn | ngnnnggggn | ggcgngnggn | gcngagaggg | nggncacana | 1020 |
| ancgcggngg | ggngnggcgg | gccgggggga | nagnnggggg | aggngagngn | ggangcgcca | 1080 |
| gggngggngg | ggagggnggn | cg | | | | 1102 |

<210> 4394
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4394

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cnacangnga | cnggnnttg | nactcgtct | ttccenggca | tcctgnaga | canagatgnn | 60 |
| naaggggaag | angntngaaa | accaggntaa | aantttttan | gagaaaggca | gaggatgctc | 120 |
| aagggnaann | aganggaaat | nnagntnacc | ncnntnncgg | nantggncnn | tatgnnnaan | 180 |
| ncnncgnata | annngntctn | tntgngaag | acagatccca | gccttgatg | gcttgatagn | 240 |
| cgatggatgg | aaancgatnn | gggncatttt | aaanaggcct | nnangttaca | ttcnnagnat | 300 |
| atnnntaaga | gatagnnat | ncaaacntng | atgaangtgg | tgatgcagga | ctgaagcatg | 360 |
| gtccactaca | atgaancctt | nttccnntng | gncaanggna | tggtgatga | tcccatcnca | 420 |
| gaggatgntn | ctgnaccaga | ggngcctccc | attntcgctn | cnaactgccc | taactanccc | 480 |
| atantgagnt | aacatgtccc | ttcatnttgt | tacgtctatn | nagacaaatg | ctttntcttt | 540 |
| nncttgcttg | accnatctt | gncttnccnt | tcagntaant | nnagaacaca | ttnttancnn | 600 |
| tcnntggcca | tannggttct | aacttnaaac | cattttacct | nttaaatttt | gtgattatag | 660 |
| tnngtggnnn | tncntaagg | naanaagatt | gcctttcaac | ttttgngagg | ggaatttcgn | 720 |
| gnttgngtaa | antnatctt | tccaaatctt | ttgaattttt | an | | 762 |

<210> 4395
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (578)
 <223> n = A,T,C or G

<400> 4395

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcncgncgaa | nnannacng | nnanngccc | gnngaannan | gcncnnngan | nnccgaaann | 60 |
| aagangnnnn | nnannnnnn | nnnnnnnnnn | nnnnaaacct | tgaaanccgc | cgnnngnngg | 120 |
| ncnctcggt | tcgcanaana | cacaangggg | aggaaggggn | gncaanncgg | gttgggggtg | 180 |
| aaggggaaaa | ggacacgaac | nnnggntaan | ggagcaaga | nttacacggg | cganggganc | 240 |
| cgagccngtc | ccctttggag | annatcccn | anaaaanatn | ganagnggnc | nggnggggng | 300 |
| nnacaggaca | cgaccgcgg | naancnngga | antggccttn | ngccggcaan | tccagaacta | 360 |
| anggggggnc | aangcagga | gnnnacaang | ncgnnngang | nggcagnnna | gccagagana | 420 |
| nntgacagaa | gagncgggc | ngtgcgggca | ncngnagaa | aannngccan | anccaggagg | 480 |
| cccgnacntg | gngnaaccca | cgnaaccncn | ggaggncaga | ggnganagga | acacnggggn | 540 |
| gnnggancag | gagggcnnga | gggnnacaag | gnanagcn | | | 578 |

<210> 4396
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (898)
 <223> n = A,T,C or G

<400> 4396

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tnncctttct | aatgccttg | atagttgctt | ncnatngctg | gctacttgnt | cttntgtagg | 60 |
| atcccngcn | ngatnnttat | gactgnccn | ntnnngcgng | atcntttgcn | ngnttaacnt | 120 |
| ngtanaccng | tngcngcggn | cgnnngaagn | cgctctggga | ancagataan | acngctgcnn | 180 |

```

ggctnggagt gnncaccegg tacacantnt ttatttannn ggccanctnc cactgatgaa      240
catatantcn gactgactgc tgaaatagcc tttttggatt gaacgcccac gacagtncat      300
tangtntenc ttntatcatg ctttctntac tgnnatgagc ttcactgaac ggcgtgaaaa      360
acttggaana tnnatnggac atgctgtaan atnggacata natttttata cggaaaaactt      420
naagtgcnc cagttgaaag ccataatggc atcccataga gaggctnttt tgaacttttg      480
gatgctttat tgnnccaaag aaagatncag atttacctga aancttgtgg gtttnggaca      540
cctttntgnt ttntaagcct nntgaacaan tttttaanac ntttgacntt tttnaaaaaac      600
nttgncttac cnagnggtna cnanngaana atggccnttc angggaaatt tctccngggg      660
tttccccngg aaaaaanant tncnnnccag ggttttttgg aggggattcc aaagtntttt      720
ntaanancng ggggggtttnc naaaaaaaat gggggcnca atnggntttt aganggggaa      780
caaaaccnnt cnaaagccct ttnntcnaa ntntcnccct ttngtaaaan gncttcana      840
ttattttctt tnnctanggg ttttctttt ttgnaaaana aaaatannc tttttnt      898

```

<210> 4397

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4397

```

gcttaccct ttctattnt tggatgctct tncattgtgc angatcccan cnntcnaatt      60
cggcacgagc agagctgtga tctgccccca tgtattctga cccccaaact ggctctcaac      120
catgttnaca tgatgaaaag aagagggtgac tgttgatca gctctaaagg cctcactttn      180
ggtgaaatgg gacctaaatt ngatngcnta cttnatntct tgcngtcnat actganntng      240
gcactttata atttnaatac tattgaactt tcaccatanc cctgtcctat aaagttgact      300
tgcaaatgan gaaactctat ctcttcaata ttatgnacta tatccaagag tcacaactag      360
tgagaaaagg acangntcta actaccaatg ngaggctgtg tcttcacacc aattcaacag      420
agtatcttgt aaatgntgag aggagaggta ctttaagtca tgggtgtcta tcatangtgc      480
ttnacaaaaac nnnttgacaa ctgattgggc cttgaggat gaatggant agccaggcna      540
ttnaattcga aatncgaagc ttcaangaca gatttanta cnccttgnga gnagttgaaa      600
tgcagcaaga tgttacgaca anttgntact gnnccatggg aattttacca aagttgtgna      660
attgnagnna antgctnatg gaaacettga aaggatntng ctttgnggcn cacgcttgaa      720
cnaangnctt cggantgcnt annaaaaagc ccnaatgcnn ntccancnn      769

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<210> 4398

<211> 1466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1466)

<223> n = A,T,C or G

<400> 4398

```

cnnctcaat nanntanntn nnancantta cactncance nctataatna atacatatcg      60
ggggatntta tctcnctec antancnttn tactnctccc cattatntct nttcnccata      120
catattctnn taanctnnat ntanatcttc aantataata ncnacccaat ctatnactac      180
nnntacttna antctccact nttcngcnt nccannccnn tnatattatn ccnattnaat      240
cttnnccncc nttanacctc ttcttttacn ttaaactcat anctcattnt naanannatc      300
ntctttctna tctcaaactn nntcnmnaac ttcatttcta tttnnatact tttcncnata      360
ancttcantt atnaatcaan atnnnctttn tntanctcn tntnatntnn cattntctn      420

```

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|------|
| ccantantan | ctntnttaan | acattncnt | ntctatcacn | netnaaccta | tntantnta | 480 |
| cntntatct | ctnctntctn | tectactcac | tatacnetca | ncatatactc | tacnanatat | 540 |
| acattatctt | cntnccatct | cacattnatc | tatntctcac | nnnaatatnt | tnccactcca | 600 |
| ctntctantc | tatttanctn | tcantncttc | tccctctctt | ntntcttann | tccttnccat | 660 |
| ntctctcann | ctnctntca | tatgatcact | ntgnngttct | atatcntatn | canactcaca | 720 |
| tcgatttact | nacnntanan | accctantnc | tatatactat | ntaatnntca | tcatatntcc | 780 |
| aatattenta | aaccnncaat | tactcccact | antatntnt | cctactttaa | naatgactng | 840 |
| gtaatcatna | cttaataactn | ttttctcatn | accatnttac | cnnntactnt | nactctcttt | 900 |
| atcatcatnt | ncnttanatt | tcantcatat | ttngtaattn | ttnttttcnc | antatatnaa | 960 |
| nttatcnaat | tttaccgtct | acacatacnt | cattatcatc | tatctctcac | tatacttncn | 1020 |
| tactnatntc | ttatctatcn | atnctatctc | tntnnacatc | netncncnna | tnccactcc | 1080 |
| nttccttcac | natanaactt | ntatcttaca | tctctatata | tacnctact | catttatcaa | 1140 |
| ctctntcana | acannntnn | tnntntantc | tannannccn | tatttnatac | ntanacatag | 1200 |
| actntcacnn | aatntctcnt | tatcactntn | tatannatac | acttnttcta | tactacttn | 1260 |
| nttcnctata | tnatnctata | natnttatc | cantantnn | tnncnccnat | tnnaaanant | 1320 |
| tacagcancn | aaataaatnt | ttattnttct | accttnttna | tcttgtnoct | tccttnanaa | 1380 |
| tttaattnnc | tnnctnctct | tnaaactnca | ccntatcac | cctntenttc | ccatnnttna | 1440 |
| tcattacaat | cattnnacta | actanc | | | | 1466 |

<210> 4399

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4399

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| gnttaatgcc | tttcnattgc | ttggctctcg | atctttctgc | aggatcccat | cgattcggtc | 60 |
| ctacccaaac | ctgtggcgcg | cacttttgaa | ttctcagatt | gccctgaatt | ttgccacttt | 120 |
| taaataatgt | gctgaataag | ctcagcaact | aaaaaccatt | acccaagaac | gtttcttggtg | 180 |
| agtgaactga | tttattctga | ttcattatat | tccttttggt | agattttata | cccctggggg | 240 |
| aaataataca | acaaaaacat | ctcttaaaaa | tgctgggatg | gggccatata | tactagcaga | 300 |
| ggccagatgg | tcagatatga | tttctgcaaa | cccatcttga | ccttgagtat | gtgaagggggt | 360 |
| actgtacttt | attcctgata | catttttggt | tccatgtagg | tggtgagctc | ctggntttct | 420 |
| gtgtttggat | gatgaagatt | tggacccttc | cattcataat | ccctttctaa | gtgaaggggag | 480 |
| aggctggctt | ggctgntcct | tgntattccg | aaagccctgg | tttggggccc | atgttcacac | 540 |
| tggtctcag | tctagtcagg | tgcaatgttc | ttgagagggtg | gggacctaat | tattaccaga | 600 |
| gtagcancaa | gagaggaaac | gttggtgaatt | aagtattcaa | tnaaaaagg | aacatgattt | 660 |
| ctacctgaaa | aaangnanan | gnncctnnct | tgattanctt | cntaatcctt | nnnnatnnaa | 720 |
| ncntcctna | annantttaa | t | | | | 741 |

<210> 4400

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4400

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|----|
| tnnnnttcngt | tnactcgttt | ganttcctat | acaagctact | tgttcttttt | gcaggatccc | 60 |
|-------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atcgattcga | attcggcacg | aggcctgatt | gaggaagaga | acatgctggc | accatctctg | 120 |
| aagcagtttt | ncctacgagt | ggagatttgc | catcctacat | tccagtgagg | gttgcgtgaa | 180 |
| aaatcctatt | tggttgagaa | tctgccagat | gtttgagaat | caaaatgtga | acctgactag | 240 |
| aaaaggatcc | attttgaaaa | accaggaaga | cacttttgct | gcagagctgc | acccgtctca | 300 |
| aacagcagcc | actcttcaac | ttggtggact | ttgaacaggt | ggtgggatcg | cattcgcagc | 360 |
| actgtggctg | agcatctctg | gaagttgatg | gtagaaagaa | tccgatttac | tgggtcagct | 420 |
| gaagatcatt | aaagactttt | accttctggg | acgtggagaa | ctgttcaggc | cttcattgac | 480 |
| acaactcaca | catgttgaaa | acaccacca | ctgcagtaac | tgagcatgat | gtgaatgtgg | 540 |
| cctttcaaca | gtcagcacac | aaggtattgc | tagatgatga | caaccttctc | ctctgttgca | 600 |
| ctttgacaat | cgagntcac | cggaaangga | gcacaaagat | gctnctcang | caagaanaag | 660 |
| ggccttctcg | ggaaacttct | tnccccggga | aagcccctgc | antcttggct | gggcagccct | 720 |
| angtcttttc | ttacaaaagt | acaagtgggc | ccccnccnt | ttttanct | | 768 |

<210> 4401

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4401

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----|
| tttcatnntt | tacaagctac | ttgtncceaag | atcccatcga | ttcgaattcg | gcacgaggct | 60 |
| agaagttcaa | cgggagacnn | attatnncca | tnngnanactt | ncggaaacctc | gggttctgag | 120 |
| tngtgctctc | ctcaactgcn | cgggtgagcc | ttannccctg | gnttgtgcna | naannanacc | 180 |
| tnngtttant | nngntncccc | nnnnnctct | taaannonta | nnnnntnnag | ngctntaaan | 240 |
| cccangtgag | ctnatnaanc | aanaattgga | gcgnattgca | ttccngacta | gnccggatga | 300 |
| actntntaca | gatgaccnat | catncttctt | tgagccaang | ngganaaacnc | tgccgctata | 360 |
| gacnttggen | atnactcnnn | nttgacatna | gannatnnnc | taacnntnnc | aanattncta | 420 |
| ggcnntccgn | ttctcangnn | ttatntttaa | canctgnctc | atg | | 463 |

<210> 4402

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4402

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| aaacatcttg | aaccgctttg | antnctntata | caaactnctg | gatgnntgng | cnggatccca | 60 |
| tcganncnaa | tnccgcnoga | gggcatagtc | agacctgtgn | tnaaaaataa | tnatnatnan | 120 |
| nnaaccaggt | gtggggnat | tcctttngat | tactattatn | ttgttctcag | aacaattgat | 180 |
| ttnantttna | tagactttct | agcccttata | taataatnct | gagtnctcng | ccnncataan | 240 |
| aaanctggaa | aannnctgat | cnagaaanaa | nnggtactac | tntgangaat | ntttangact | 300 |
| atnatactga | gtncaatatg | naacacaatt | cngcgtnnct | ncctnngatg | anncntaaaa | 360 |
| tatttgaaaa | tttgattgna | tnaaanagca | tnntggatac | cnggaganac | tnatgntcnn | 420 |
| gacattanga | catnctgtnt | gnnngangct | cccgtcnna | ggaagccant | nttccnnaan | 480 |
| actaccttgn | taatataacc | ggganccggc | tttngnacct | gccattntat | tgatnanatt | 540 |
| naatgttnat | atnccnggaa | aaannggctc | atgccgtgaa | atgtggggtn | catnacaagg | 600 |
| gaaaagtttt | ctgggnngcgg | atnacttctg | gnnanaactc | angttctnnc | ggactnngat | 660 |
| ntaatnctct | ccctttgcta | ggtttcctcc | cagganncng | nttcnaaagg | cgaatcaaata | 720 |

gccngccaac atttcaaatt ttnaaganng gggnnccnch aaaaaaaaaa aat

773

<210> 4403
<211> 777
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

<400> 4403
ttcnantctt ttctaaatnn cnggtcttgn tctttctgca ggatcccatg cgattcgtgc 60
tattgtaata ataacaataa agagaaatta gaagtggggn tcagggtaga aaaaaatgca 120
aaggccttgg tccctaggag accaactctc cagctgagct ggccttagcc ccagcccctt 180
ctaatttctc tttattgnta ttattattat tttctctgct attgtaatat ttttttgta 240
attaaatggt ttggtcaaaa aaaaaaaaaa aaaaaanaaa aaaaaaaac tcgagcctct 300
anaactntag tgagtcgtat taccgtagat ccagacatga taagatacat tgatgagttt 360
ggacaaacca caactagaat gcagtgaata aaatgcttta tttgtgaaat ttgngatgct 420
attgctttat ttgtaaccat tataagctgc antaaacaag ttaacancaa caattgcatt 480
cattttatgt ttcagggttca gggggagggtg tgggaggttt ttaattccc ggcccgcggc 540
gccaatgcat tggggcccggn cccacctttt gttcccttta gtgaggggtt aaattccccc 600
cttggegtaa tcatggtcat tagctgttnc ctgngggaaa ttgnttttcc ngtnacaatt 660
ccacacaacn taccaaccg ggagcataaa ngtgttaaaa ccctgggggg cctaatagaag 720
tggancttac ttccnattaa ttncggttgc gctcctggc ccnnttnca gtcggga 777

<210> 4404
<211> 863
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(863)
<223> n = A,T,C or G

<400> 4404
ccnnaacttn cnattangtg nagccctcgc ccanananat tggentgggc tnaacgnana 60
ttatcttctn acnnatannt gtgtgcctat tttttcataa ttcttnannc nangncttnt 120
tntaantggt ccgctagncc anannntgcy ctaacanatc agggcgccac tgttgncgga 180
tnacnactgc nattngngcn ctntnncatt ncnaattgc gcntntnaaa tcngatcggn 240
tcacatgaan atnanaacgt atatnatnnn cnaacttgag atcttcnttc acggggnctc 300
tnnnacngct tnatgaactn tggtnacagc nccacggntc atcangccc canngaaatg 360
ngactantcn cntggancnn nntgnaacac ctgnccttca cangtnactg atnaaggctn 420
anctgntcan gacanncntt aanccttnen gcttcngtnc tgggaaccaga aggantnttn 480
nnaaanggnt cgatnacncc ctantagtct tacctactgc anccatcact ggaancatgc 540
taatanggtc atgtggtcag tgtaancntn atcaatngaa acncccnenn annttnnccn 600
ntnanctcaa cctaaatant cnccttttta aataantnca cnncaatggt nnaaactanc 660
ctannaatng gcngttcccc tngaagtccct ccttctcnaa gentgcacac nttcntntng 720
nancccnann ntttaccctn tcggnatccn cntgggcntt ncctttattn atccacctat 780
nggcttcccc aaagaacntn ctngnnnca atcatcctg ggannacttc ctcctntngg 840
nnaataacgg cgcaaaantt nct 863

<210> 4405
<211> 424

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (424)
<223> n = A,T,C or G

<400> 4405

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ccntcgaatt | cnnncgagga | gaaaagctnt | cangttanct | gtttggctta | taagggaaac | 60 |
| ctgcagtcct | ttctgaaagg | ggagctgtga | atatgactgc | tttgtagaaa | gatgtcttag | 120 |
| gattctgggt | gaaaattttt | aattccccctc | atgtaggaat | gtcacagagt | gtaccttttt | 180 |
| gacttagtat | tttcctagta | aaatacacct | ttcttaagaa | aatggctaca | aagtcagatg | 240 |
| catgtaaatg | ctttcagcaa | gggtttattg | atcatctgct | ttaggctggg | ctctatgtta | 300 |
| ggtgcctgtg | gattccattn | tagtacctgt | gttctcatag | aattgaatcc | tgntccccca | 360 |
| tatgactttt | gatgatattc | acactgttaa | ttccaataaa | gacagagtag | acaaacagaa | 420 |
| actg | | | | | | 424 |

<210> 4406
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (739)
<223> n = A,T,C or G

<400> 4406

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gnntcaatgc | tnntctctng | ttctttntgc | aggatttcat | nnnctcgnat | tcggcacgag | 60 |
| agaaaaacaa | cagagagaaa | aagaatcctg | agaatatgta | gaagctttac | gagcccaaat | 120 |
| ccaggagaaa | atgcagctgt | ataatattac | tttacctcca | ctatgctgtt | gtggctcctga | 180 |
| tttttgggat | gtcatcctg | atacctgtgc | caacaactgt | attttctata | aaaaccacag | 240 |
| agcatatact | cgggcactac | attcattcat | caattcctgt | gatgtccctg | ggggtaattc | 300 |
| aactcttcga | gtcgcaattc | ataattttgc | ttctgcacac | aggcggactt | tgaaaaatct | 360 |
| ataataagaa | tctgaaatta | actggtagta | ttttggcttt | tacttaaaat | catccctgag | 420 |
| agagtattta | agaaaagctg | ttcaagttat | aaaatatata | atctggaaag | aaatactgnc | 480 |
| tcatataata | attagattgg | aatcattggg | ttaatctctg | tctgggaacc | aagattgaaa | 540 |
| gctgacttac | ttctctcttc | tgncctgtga | accataccgg | agcctattat | ttttaaaata | 600 |
| tgatcagaca | agtaaggctt | ctcttacttt | tgctctgctc | tggatcagga | agancctcat | 660 |
| ggtgaagtct | ttgagantct | cttattaatc | atctttctta | aactgngttt | ttgagcctga | 720 |
| cagtactgaa | aangctggg | | | | | 739 |

<210> 4407
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (784)
<223> n = A,T,C or G

<400> 4407

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cntcagcggc | cntgnatcca | aagntggggg | cgngcgnacg | anctgcgagc | ctgccttacg | 60 |
| aggccgcaag | ccctttttgc | caccctcggn | gncnggncgt | tccggccggt | ttggnggcat | 120 |

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| cancegnccg | ncatggcagt | gaacgnceng | caggcncag | ccacngcctg | gggctanaga | 180 |
| ttaaattgac | nccccnagac | ccggcattat | caggagnngc | tangannctt | nctgcatnct | 240 |
| cggnaaacta | gcataagcca | aagactcgcc | atgcagaant | attagcanat | agctgcgctc | 300 |
| gataaaggaa | ngaggagnta | aanaatnaac | tagtgaaaac | aagggagatg | gtggctttat | 360 |
| cgtgggttag | agctntngan | ctatgatgtc | atcggtctga | tactatgtga | aatatcttac | 420 |
| tacnnttann | catgcnaatn | agantgagna | agnctnngac | caagccccct | ttaatgagnn | 480 |
| caagaaaaac | tcttggtctg | tagaggaaa | nnaatcnagc | tanaactcgg | tgcacgaata | 540 |
| tgngntcata | tccaggcaaa | ccgggagnnt | gttgtaaacy | gtcaggacca | atggnaaccc | 600 |
| cttttnnct | ctgggggcct | tnggttgcc | aagggaaacy | aattaaggaa | ccttaaatagc | 660 |
| nnantagnnc | cnncaatttc | ccggncctatg | gaaannccaa | ttgncengga | ntgncccccct | 720 |
| tngnccttg | cctcncccca | aaaggggggtt | tgncaccaa | ngtngnttgg | ggaaaacaat | 780 |
| tccg | | | | | | 784 |

<210> 4408

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1327)

<223> n = A,T,C or G

<400> 4408

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|------|
| gnnngttnc | tctcttnaa | accnttgctc | tngttctttt | tgcaggcatc | ccatcgattc | 60 |
| gaattcggca | cgaggggenc | tgtctgcttg | cngcntgnan | acgatnngtt | tgatcntctn | 120 |
| tnaactannn | acttncnnng | ttngncttat | tgcagttntc | atcnaacgct | aacantgtng | 180 |
| tctctatnan | natnttatga | agnacatate | tacgcttnat | gancantntn | tgtcanaann | 240 |
| ggncanance | tatgtcgtgn | gcnttntttg | ncaattnnan | aanangagct | nanggatcna | 300 |
| ncgatgtgaa | agnacagctn | tactctgaan | acatgctcnt | cnnntngna | tgccnnnta | 360 |
| cntancnaac | gaaatattcc | nntaaagacc | nganntnata | tgacataca | agaanngtnc | 420 |
| ttcaaaaagg | tcttttantn | nanagtnttt | ncncnggttt | gactaccttg | tagntaat | 480 |
| actaggaatt | cttggtaatc | gaaatccaac | ttnccgctnn | ggaactcgtt | gngntcnant | 540 |
| antnataaag | tggnngngnn | gaaancctgg | nantaaangn | naaccctggg | cattgggtng | 600 |
| accattgng | aattnaacttt | tatcccaagt | tnggaccenc | ttttaccccc | anttgccecn | 660 |
| ttgtnggett | ttgcccccaa | aaattccccc | ctntcccat | aacncgttaa | nccaaat | 720 |
| tccgcccgtt | aacaataaat | ttttttntan | ccctnaaata | ccnnnggggtt | tccttaaaaa | 780 |
| ncgtcnnatn | cctnaanttn | ccntttgaaa | tttccctttt | cncttctggg | gccttantt | 840 |
| tgaacccena | naanttnaac | ttggnccttc | cncnggttta | antcnaacan | natttgccct | 900 |
| tacntanana | aaatctccta | cctnttggtt | ncttcaanat | ttttgaacnt | taatctnnat | 960 |
| tttanannna | nttaaataaa | ctgtaatct | tggaaannta | ctntgnnncc | cnaaatccn | 1020 |
| ttatacacat | nggtnttttt | atggnaccaa | acttttgagn | aaccgcatng | tcttataacc | 1080 |
| cncnaaattt | cttccgtacc | nccggggtnt | cttcaatctt | tacctcaaan | gnngaancgt | 1140 |
| tttcccttgn | tttcttacnn | atacggtcnc | gtttctcttc | tatttttant | ccanctaagt | 1200 |
| gtaattcaen | tttttccgga | nctcttctga | cctatntnac | ntctcttcan | atctccccct | 1260 |
| aaagtectna | atctcnaact | tccaattntt | acccccanta | tcaatgtttt | ccaatccctt | 1320 |
| nnttcnt | | | | | | 1327 |

<210> 4409

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1267)

<223> n = A,T,C or G

<400> 4409

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|------|
| ggcttctacn | nnaannngntn | ggaaactcan | ncgctcgann | gcgcnnngga | ngcnnctaga | 60 |
| tcacacggac | ngctaccanc | gagnaggnt | ttntnacca | naatcangac | ctaaatgcac | 120 |
| ggntntatgt | accctgncca | ccatctngtg | cctctttatc | attngcctct | tccttcctat | 180 |
| ntcccttgcg | ttaaggaana | aaaatggtn | cacaatttgt | caaaagtnat | tttaannгна | 240 |
| aancctnnnc | atganagna | ccntgnantt | caanncgnet | nnaannnnnc | tnctnnncca | 300 |
| nngnggaent | ngnnnnntcnn | aaccctnact | ntnnntncnn | gannncnna | nnnccnatat | 360 |
| cntnncnnga | gttnaatnnc | annncancan | tttnntann | nnngaannan | gnnnaattga | 420 |
| nnncttgtn | cgganntanc | ntcangatcc | cannannant | nccgancgna | anttctatna | 480 |
| antntncnan | caccanatan | ngtcganacn | ncnncgtn | ncngcacnat | ncactgnnan | 540 |
| tnnancnna | gncnncactg | nanntacngn | anctacnagc | getgacnntn | cntntccng | 600 |
| cnngncnngt | ncngtanatc | ncncnatcat | ntnagatntc | nnttnnatnt | acnnatntnn | 660 |
| antntcgana | ntgnntcagc | gancntatat | nngnganncn | acctanagng | cacannacan | 720 |
| ntcnanacga | nacactnctc | ncagnnatnt | tcngnecgtn | tctgntgagn | cnctacacnn | 780 |
| ngnnacnnc | ntancagag | taatcncaca | ctgtaatcnn | tataccanaa | ntctnecgtac | 840 |
| gcanancn | cnnanagcat | cncnntgctg | acgtnnacnc | atntcnacat | ntcngcacgt | 900 |
| ncatntntca | ntancncnaa | tntcntatgn | nctannngtc | natcntatat | atnntnnttg | 960 |
| atatgnntnt | ncgntancan | acacgnacng | ngnacanaa | ncncactnna | nnnangannc | 1020 |
| acncancn | tnangncann | nttngnnnnnc | tcgcnananc | gtagnatacg | ntactcagng | 1080 |
| cntancacnc | ganncgagan | tatctcncaa | nanactnnnc | gctnnnannt | atcactntct | 1140 |
| cntacatcga | ntctcngcng | atctacncgc | tcagtnncnn | ctgannnnat | atnagnatcn | 1200 |
| ctcncatnga | tnanantann | aancactggn | ncnncnaacg | ngtnccgnta | naagtaganc | 1260 |
| gnnctcg | | | | | | 1267 |

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 4410

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgngactntt | tgaactcctg | ttctttttgc | aggatcccat | cgattcgatn | atgnnnncan | 60 |
| ncactntgan | ngtnnathta | tnnntttctc | cnattccnna | actaatggga | nnccggtgct | 120 |
| ggtatngann | cttggggaaa | atacctggag | ataccagtgc | agctattnaa | agctgnagca | 180 |
| agggctgcaa | tcttgcgag | attttaaaga | gaagtnttaa | agtttcta | actgatgcct | 240 |
| ctttttggta | aatacaagtt | ttatnaatcc | tgccctggga | tcctgattcc | ccattaatca | 300 |
| agatttgta | gacttcacct | tctataatta | gaaaacacag | ttataagaac | agtcaatttt | 360 |
| ttaaattttc | caaattaaaa | aattgcacca | tgattttgaa | caagcacttc | caattncatt | 420 |
| acccatcttg | tatgccatag | gtgggagtat | aattgncaca | gc | | 462 |

<210> 4411

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4411

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| tnnnnttttn | aannttttcc | taatgctggt | ctcgttcttt | cgcaggatc | ccatcgattc | 60 |
| gtttgtgctt | tttaagaata | tttttagact | atctcttttt | ataggggctt | tgctgaattc | 120 |
| taacattaaa | tcacagccca | aaatttgatg | gactaattat | tattttaaaa | tatatgaaga | 180 |
| caataattct | acatgttggt | ttaagatgga | aatacagtta | ttcatctttt | tattcaagga | 240 |
| agttttaact | ttataacagc | tcagtaaagt | gcttcttcta | gaatgtaaag | ttatgtattt | 300 |
| aaagtgtgat | cttgacacag | gaaatgggaa | aaaacttaaa | aattaatatg | gtgtattttt | 360 |
| ccaaatgaaa | aatctcaatt | gaaagctttt | aaaatgtaga | aacttaaaca | caccttctctg | 420 |
| tggaggctga | gatgaaaact | agggtctcatt | ttcctgacat | ttgtttattt | tttgggaagag | 480 |
| acaaagattt | cttctgcact | ctgagcccat | aggtctcaga | gagttaatag | gagtattttt | 540 |
| gggctattgc | ataaggagcc | actgctgcca | ccacttttgg | atcttatggg | angctccttc | 600 |
| atcgaatgct | aaacctttga | gtagaagtct | ncctggatca | cataccaggt | cagggaggat | 660 |
| ctgntcttcc | tctacgttta | tcctggcatg | tgctagggta | aacgaaggcn | taataagcca | 720 |
| tggctgacct | ttggagcacc | agtgccagga | cttgtcttca | tgtgt | | 765 |

<210> 4412

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 4412

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| gnnttnantt | nnnttccctt | tcaaatnctt | ggctacttgt | tctttntgca | gggatcccat | 60 |
| cgattcgaat | tcggcacgag | ggaacctact | agatggacag | gctgagggtg | ttggcagtga | 120 |
| tgatgaccac | attcagtnng | tgcanaaaaa | gccaccacgt | gagaatggcc | ataagcagat | 180 |
| aagtagcagt | tcaactggat | gtctctcttc | tncaaagtct | acagtacaaa | gccctaagca | 240 |
| tgagtggaaa | atcgttgctt | canaaaaagac | ttcnaataac | acttacttgt | gcctggctgt | 300 |
| gctggatggg | ntattctgtg | tcatttttct | tcattgggana | aacagcccan | anagctcacc | 360 |
| aacangtnct | ncaaaactaa | gtaagagttt | aagctttgag | atgcaanatg | atgagctnat | 420 |
| cnaaangccc | atgtctccta | tgacgtacgc | acgatctggg | ctgggaacag | cananatgaa | 480 |
| tggcaaacct | atagctgcan | gtggctataa | cagagaggaa | tgtcttcgaa | cagttgaatg | 540 |
| ctataattca | catacagatc | actggctcct | tcttgctccc | atgagaacac | caagagcccg | 600 |
| atttcaaagt | gctgtactca | tgggccagct | tttatgtggg | acgtggatca | aatgggccac | 660 |
| tnaaattgac | ctgaagtggg | ggancagatt | aatgaattca | aaccatagna | tgactggggt | 720 |
| cctgtttcag | aatttgagaa | ctaaccgcgg | tgtg | | | 754 |

<210> 4413

<211> 1119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1119)

<223> n = A,T,C or G

<400> 4413

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| nnncacnnnn | cantnntcna | nanccannnc | caannccctca | cncnnnnnnan | nnctctcnaaa | 60 |
| ccanccnnnc | gnctnnncnat | nacncaangg | naagggggcan | nnngattcta | gttttntnntn | 120 |
| anttttttga | aaggccnttt | cnagagtcnc | ttggcaagcn | gcttctacca | gangaattcg | 180 |
| gcacgagaat | nnctcngtat | ntgnctcttc | naccctagaa | tnacttatan | acgtataann | 240 |
| tannctcna | aatactnaca | ggtntnaaaa | taangtnnat | caantactaa | tttaattctg | 300 |

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|------|
| tttcatcana | aagcacgacc | atcgtggcat | ngaaacttga | gttatagcct | actatcanga | 360 |
| tcaatntaaa | aaatatatat | ntagggctgg | ntgcacgtgg | tgcacatctg | taancccaag | 420 |
| tgctttggga | ggctgaggng | ggtgaatcac | ctgaangtca | cgantttcaag | accaacctgg | 480 |
| tcaacatgac | nataacccca | tnctacaaac | aaaaatgtaa | caaattagcn | acngtttggg | 540 |
| nacacacacc | ntatcactct | acntncaatn | gggggcccga | atncngtnga | anaatccgcc | 600 |
| tntgatctct | tnagnaaaca | tncaaangcc | tgctncanaa | gctaatacat | cattgccna | 660 |
| cctggaactt | ccaatccntn | atngcnaanc | ancaatctac | ncaccacntg | gtcccntaat | 720 |
| atacgaaca | nactcacatc | ngactatctn | aanantncca | nagcnataa | ggnnacantn | 780 |
| acnccancan | ntttncnaanc | nntgccnaaa | nanatacccn | acaacaatnt | ctagnacant | 840 |
| atnnacnnnc | ntttacncat | ncncncacat | ntnncccaaa | ctcnantaca | cntccntcac | 900 |
| actntcactc | ctctcctacn | tnnnchnaaaa | anactcntcc | gnaacccttc | cntnnantat | 960 |
| acctcatnta | taccnnanna | atctcctaac | atttttaccat | ntctcntnat | ncccnnnaca | 1020 |
| cacttttnct | naacnncntc | tcnanataac | gnaanntana | nctctcnang | atntccaaaa | 1080 |
| nactncacna | aattttgtcg | caaaaangtn | ntntnaccc | | | 1119 |

<210> 4414

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4414

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gntttntttc | ntttntcttt | caaatccctg | gctactttta | attnctgcag | gateccatcg | 60 |
| attcgnnttn | ggcncnangn | ggatntggct | tntgnggaat | nggatnnnna | gctggtegat | 120 |
| gacggncanc | ggataganan | actgnagnan | centgctcnt | tgnagnncag | tgctgtttan | 180 |
| gaanangatc | tcantgtntg | nnttgannct | ctgnatggan | ccanggcgtn | taccnaaant | 240 |
| attntngaca | ntgtgacacn | tcattattgg | aatngantat | gannnanatg | ncatagcang | 300 |
| aganataaac | cagcnatatt | acaactatct | cgcancgacc | ngatgctgng | ntctggaaga | 360 |
| caatntggng | agnttttagt | ntagcgccgt | nnggntttca | nctgntanan | gaacctgntg | 420 |
| ngaaanacat | tatcacnnct | actcgntcct | atngcaacaa | gaagnngctg | actgtgntgc | 480 |
| tgctntgaac | tcctatgctg | ngctgctagt | angatgagca | ngnaatanga | tnatcagctg | 540 |
| annganngcn | aagnctctgc | ttattgtntg | ngcaaagtct | ggttgtaagg | anntgaggtt | 600 |
| actttgcgct | ttgggnaagt | ncntactana | ttntttnttg | ggaacngcaan | gntttnnccg | 660 |
| ggtganccca | angngnaant | ggnaccttan | tnganccnat | naanggnntn | tcananggca | 720 |
| tagtnnanc | tggannaaag | gangttncna | gnnttttann | tnccgggaaat | nnnngactta | 780 |
| cttttttcg | | | | | | 788 |

<210> 4415

<211> 1411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1411)

<223> n = A,T,C or G

<400> 4415

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| ttgtnnnnnn | ngtttttttt | ggcggtaaaa | aaaaanggnt | tttttttttg | ggggaaaaaa | 60 |
| nnggggcccgt | ttggctnngt | ggaaaaaacc | cccctttttt | ggggggaaac | cnnttttcgg | 120 |
| ggngaaaang | nnncncngng | ggnnngnngn | nnnnnggggn | nngngagggg | nnnnnggnnn | 180 |
| nnngnggnnn | ngngntnngn | nnannggngg | gngggngngna | ntttntttgn | naggngggagg | 240 |

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|------|
| gantttntng | gnngtttttt | ttgncgnncg | gggnnggntn | gggnagnggg | ggcgagggga | 300 |
| ggggngggnn | cgngggngga | ganagnaagg | nagggngngg | angcgtgggg | tngngggann | 360 |
| gggnnagann | aggcggnatn | aggngggngg | gnngggangn | gggggagngn | gggtagnagn | 420 |
| ggggngnggn | nngngngngg | gagggnnngc | gnangggacg | ncacagnggg | ggtcaannng | 480 |
| ngangggann | tngggaatgc | nggnngggcn | cgggggcngn | nnggagnggg | gntgggacag | 540 |
| ggtgnnggan | gccannnagg | ggnggggggn | ngccgagngc | attnggtagc | angnnnggcn | 600 |
| nttcgggggg | ngccnnnnng | tnantgacgc | gngcgggggg | ngnanatnca | ngggggnnagn | 660 |
| gnggggaang | gcncncngng | tntggggggg | ganccnntga | gggggngnna | agnagggggg | 720 |
| ggaagncngc | caannngtg | ntncnggggn | nnangnggan | nnnggggggg | ganngngncg | 780 |
| ggngangggg | ggggaaccnn | gtnnnnngaga | agnccnntgn | angntgggag | ggncgggnnn | 840 |
| cangggggng | gncanggggn | gnaaanantg | cnnnnngggg | ngnggaggat | ggcnggggag | 900 |
| cntggggana | gatgggggan | nnnagagcgn | ngnagnngtg | tnggggggng | gngatnnaga | 960 |
| ngttnnnngg | gggnngggng | gggnnganng | agnanggggg | gnnaaaagnn | anagggctan | 1020 |
| tggggggggg | nngannngna | aagagggggg | gggggggggn | ganannngng | cgagnngnng | 1080 |
| ggnaaanggg | gngnaagggg | ngntgnnnng | gggganaggg | gggntntnng | ngnngtancn | 1140 |
| tngggaannn | ggggggggag | ngngcagaag | nnnggggggg | gnngtgnaaa | angaaantgn | 1200 |
| gggggggnan | nnacaggggg | gnannaggna | ngggggcncc | ganagctang | gaggggnnnn | 1260 |
| nnnggggtg | ngggggngan | ngggagaana | gggggggggg | tngngnaagg | ggggggnaaa | 1320 |
| naggggggga | nnaaaaagag | tnnggggggg | nagaannngn | aggggggangg | ggngagggng | 1380 |
| ggatgggggg | ggggnnncacn | cannaccgcg | n | | | 1411 |

<210> 4416

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4416

| | | | | | | |
|------------|-------------|-------------|------------|-------------|------------|-----|
| gncttttacn | aatgcttggc | tacttggtct | ntttgcagga | tcccatcgat | tcgnattccg | 60 |
| nacanngggc | atacttgntg | ccttccangn | gnactntcac | caangtntct | ggcgtaacnc | 120 |
| gttnagancn | gcntgaccgc | acnccatcgt | nangngcagn | ngtgccttgc | tnctgngaen | 180 |
| ggggccaagt | ncggntntgtc | atgcctntga | tnccacnact | gnnggaagct | gatgcangcn | 240 |
| gatnacttna | ngtcatgant | tcnanaccag | actngccaac | atgggtgaaac | cntatnttta | 300 |
| ctatanacaa | gagtagatcg | anngtggngg | nngcacactt | gtaatcnng | ntactcnaga | 360 |
| tgctgntgcn | naatanttgn | ttnnactctg | gagatngang | tngnantgan | ccaaaatcgc | 420 |
| nccnctgngc | tccaacctgn | gngacanagt | aagaccctgt | ctcataacaa | acaaaatata | 480 |
| actcnagcct | ntanaactat | aggggaagtcn | ggattacntn | natccngnca | tgatanggat | 540 |
| acatcgattg | antttgnaca | nncnacaact | tggattgcag | gtgaaaaaaa | tgcttntatt | 600 |
| ttgtgaaana | ttncagtgtc | attgctttta | tnttgtaacc | nattataagc | ttgcaaatta | 660 |
| atcatgttta | ancaacaacn | ngnttgcat | catnttatgt | ttcaagttn | aaggnggaac | 720 |
| ggtntnggna | aggtttttta | antatggcgg | tccggcgngg | tccaannn | | 768 |

<210> 4417

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4417

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| tcnnnctttc | taaatgcctt | nggnnnntccc | tttctaattng | cttggctact | tgttcttttt | 60 |
| gcaggatccc | atcgattcga | attcggcacg | agggacaata | atggccgctt | tcaaggtgtg | 120 |
| gattttggct | ccttgagcct | gtctgagcga | ggggtggcag | cgccggcgcc | ccagaatccg | 180 |
| ggacagaagg | gtcccaagag | tcgcgcttgg | tgagagaaat | cccagatcct | gtgatggggg | 240 |
| acaccagtga | ggatgcctcg | atccatcgat | tggaaggcac | tgatctggac | tgtcagggtg | 300 |
| gtggtcttat | ttgcaagtcc | aaaagtgcgg | ccagcgagca | gcatgtcttc | aaggctcctg | 360 |
| ctccccgccc | ttcattactc | ggactggact | tgctggcttc | ctgaaacgga | gagagcgaga | 420 |
| ggagaaggac | gatggggagg | acaagaagaa | gtccaaagtc | tcttcctaca | aggactggga | 480 |
| agagagcaag | gatgaccaga | aggatgctga | ggaagagggc | ggtgaccagg | ctggccaaaa | 540 |
| tatccggaaa | gacagacatt | atcgggtctgc | tcgggtagag | actccatccc | atccgggtgg | 600 |
| tgtgaaccga | agagttttgg | gaacgcagtc | cggcagaaaa | aaccggaacc | ggcgggaaca | 660 |
| tggtgtctat | gcctcgtcca | aagaagaaaa | ggattggaan | aaggagaaat | cgcgggatcc | 720 |
| nagaactatg | accgcgaaga | agggacnaga | nattaaccgg | gattagaaag | taggcacanc | 780 |
| nt | | | | | | 782 |

<210> 4418

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4418

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| ggngntttta | tcagctcttg | ttctttttgca | ggatccctcg | attcgaattc | ggcacgaggt | 60 |
| gacgggtgaa | gcagatgttg | agtttgctac | tcatgaagaa | gctgtggcag | ctatgtccaa | 120 |
| agacagggcc | aatatgcagc | acagatatat | agaactcttc | ttgaattcaa | caacaggggc | 180 |
| cagcaatggg | gcgtatagca | gccaggtgat | gcaaggcatg | ggggtgtctg | ctgcccaggc | 240 |
| cacttacagt | ggcctggaga | gccagtcagt | gagtggctgt | tacggggccg | gctacagtgg | 300 |
| gcagaacagc | atgggtggct | atgactagtt | ttgttaggaa | catttgagtt | acttcaatca | 360 |
| ttttcacagg | cagccaacaa | gcaattaaga | gcagttataa | tagaggaagc | tgggggaccc | 420 |
| attttgcacc | atgagtttgt | gaaaaatctg | gattaaaaaa | ttacctcttc | agtgttttct | 480 |
| catgcaaaat | tttcttctag | catgtgataa | tgagtaaact | aaaactattt | tcagcttttc | 540 |
| tcaattaaca | ttttggtagt | atacttcaga | gtgatgttat | ctaagttaa | gtagttaaag | 600 |
| tatgttaa | gtggatcttt | tacaccacat | nacagtgaac | acactgggga | gacctgcttt | 660 |
| ttttggaaaa | ctcaaangtg | ctacttcctg | attcaaagaa | atattctcat | gttgggtcatt | 720 |
| ctagtttata | ttttcattta | aaatcct | | | | 747 |

<210> 4419

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4419

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnttnnttcn | tttcttttca | atncttggtc | cttgntcttt | ctgcaggatc | ccatcgatcc | 60 |
| gaattcggca | cgagcagagc | tgtgatctgc | ccccaggtat | tctgaccccc | aaactggctc | 120 |
| tcaaccatgt | ttacatgatg | aaaagaagag | gtgactgttg | tatcagctct | aaaggcctca | 180 |
| cttttggtga | aatgggacct | aaatttgatt | gcatacttga | ttacttgctg | tcaatactga | 240 |

| | | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|-----|
| aattggcact | tcataat | ttt | aatactattg | aactttcacc | ataaccctgt | cctataaagt | 300 |
| tgacttgcaa | atgaagaaac | tctatctctt | caatattata | aaatatatcc | aagagtcaca | | 360 |
| actagtgaga | aaaggacagg | atctaactaa | caatgtgagg | ctgtgtcttc | acaccaattc | | 420 |
| aacagagtat | cttgtaa | atg | ttgagaggag | angtacttta | ngtcatgggg | tgtctttcaa | 480 |
| taaagtgc | tt | tagaaaacag | gtgacaactg | attgggcctt | gaagtatgaa | tggatttagc | 540 |
| caggcaatta | aataggaaag | cagatactca | agacagatta | aaacagcttt | gagagaagt | | 600 |
| aaatgagcaa | gtgtaaagac | aattgatact | gnncatggat | tttagaaagt | gtgaagtgga | | 660 |
| gtgattgtga | tgaaancttg | gaaagattgc | cttgggccaa | ggctgttgaa | agctttggtt | | 720 |
| ttgcttanat | taagtcaaat | gccgtann | | | | | 748 |

<210> 4420

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4420

| | | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|-----|
| gnttnnttcn | tttcttttca | atncttggct | cttgntcttt | ctgcaggatc | ccatcgattc | 60 | |
| gaattcggca | cgagcagagc | tgtgatctgc | ccccaggat | tctgaccccc | aaactggctc | 120 | |
| tcaaccatgt | ttacatgatg | aaaagaagag | gtgactgttg | tatcagctct | aaaggcctca | 180 | |
| cttttggtga | aatgggacct | aaatttgatt | gcatacttga | ttacttgetg | tcaatactga | 240 | |
| aattggcact | tcataat | ttt | aatactattg | aactttcacc | ataaccctgt | cctataaagt | 300 |
| tgacttgcaa | atgaagaaac | tctatctctt | caatattata | aaatatatcc | aagagtcaca | | 360 |
| actagtgaga | aaaggacagg | atctaactaa | caatgtgagg | ctgtgtcttc | acaccaattc | | 420 |
| aacagagtat | cttgtaa | atg | ttgagaggag | angtacttta | ngtcatgggg | tgtctttcaa | 480 |
| taaagtgc | tt | tagaaaacag | gtgacaactg | attgggcctt | gaagtatgaa | tggatttagc | 540 |
| caggcaatta | aataggaaag | cagatactca | agacagatta | aaacagcttt | gagagaagt | | 600 |
| aaatgagcaa | gtgtaaagac | aattgatact | gnncatggat | tttagaaagt | gtgaagtgga | | 660 |
| gtgattgtga | tgaaancttg | gaaagattgc | cttgggccaa | ggctgttgaa | agctttggtt | | 720 |
| ttgcttanat | taagtcaaat | gccgtann | | | | | 748 |

<210> 4421

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4421

| | | | | | | | | |
|------------|------------|------------|------------|------------|------------|-------------|------------|-----|
| ggnttattcn | ttctn | cn | tncttggcac | ttttattctg | cggatccctc | gattcgaatt | 60 | |
| cggcagcagg | gctanctggc | ctcgtngnac | tattgtatgt | ttgnngncct | gnngncttaa | | 120 | |
| cacttttnng | cagttgtgct | tnancta | atg | ggctaattgn | tttnaanntn | gnngntntcn | 180 | |
| anttaacntt | ttctttaa | at | ttnaaanngn | tnaataa | att | tctntnaatc | nacccttann | 240 |
| ngtatatnaa | nnncatan | aa | nnnnannnac | tttnannent | at | tttttnaaa | nnnngacacc | 300 |
| tnnngatcaa | tntgntnaan | ntttnnatnc | ctanctcn | nnn | nagnnttttn | nnaancccttc | | 360 |
| ncctggant | nttgntcaan | acngaatttt | cnttatctcn | nn | tgcnnnttt | tgngccanca | | 420 |
| cnnttentca | ncacctattg | tgncctnngc | gnannatnnt | ttacnctngc | ggttgntatn | | | 480 |
| nacancntnc | tcttgcatng | cgtcattaac | ctntagtgt | a | ccacanaga | natatttttt | | 540 |
| agaggcgtat | ntntnatcat | agngannata | ctntcancnn | aattagtgt | ct | tnaatattt | | 600 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| tatnctacta | antgatntct | tggnagngtn | tcatatnnga | tcctaataatt | gtntnttatt | 660 |
| ttttgtaacc | ctattgtgca | nttcnctat | aatatnnggg | anaatttgtg | cnnctttat | 720 |
| nttctctata | ttanacatnn | atattggggg | nannnttacn | actcnnttat | atnnagaaga | 780 |
| nctntactcc | ntatgtnnna | nataananac | tnntatacnc | tatattnnga | annagncacn | 840 |
| nnttgggann | gcttttanat | tactncatac | atacatgnat | gtntataann | anngcttncn | 900 |
| atatnggcac | naaaatactc | tatatgtntt | tgcnttacna | acancactat | tnttatcnta | 960 |
| cnttattatn | ntnnntnanc | aaccnactc | ntnntatanc | gnctctctnt | ntnctgtctc | 1020 |
| nntatnntnt | cgcnnctctn | ttnactntgg | ngnntacnta | ttattagaga | ngngnngatt | 1080 |
| tatntctcnt | ctgcgcta | ggantnacaa | gtncntnnta | tannatanat | tngtncnctn | 1140 |
| ncantcaatn | nttatnnctn | tacatgnatt | agcatnatnt | nccnnnttat | tgtttaantn | 1200 |
| acaccntca | agatnntcta | ctatgagant | acacancttc | tcanaanant | atgnctcaat | 1260 |
| gtanatcntc | ctcactcgng | ntttctgtc | cacatntnt | canaacttct | ancntntact | 1320 |
| aatatnntct | aaantnccnc | gtnnatnctc | tncangnngn | ctgcncntcc | tttngnnntn | 1380 |
| ncatatnggg | tancatttcn | tcnncnt | | | | 1407 |

<210> 4422

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4422

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|------|
| ggnttattcn | ttctctncaa | tncttggcac | ttttattctg | cggatccctc | gattcgaatt | 60 |
| cggcacgagg | gctantggc | ctcgtngnac | tattgtatgt | ttgngncct | gngncttaa | 120 |
| cacttttnng | cagttgtgct | tnancta | ggctaattgn | tttnaanntn | gnngntntcn | 180 |
| anttaacntt | ttctttaaat | ttnaaanngn | tnaataaatt | tctntnaatc | nacccttann | 240 |
| ngtatatnaa | nnncatanaa | nnnnannnac | tttnannct | atTTTTnaaa | nnngacacc | 300 |
| tnnngatcaa | tntgntnaan | ntttnnatnc | ctancctnnn | nagnnttttn | nnaanccttc | 360 |
| ncctggantt | nttgntcaan | acngaatttt | cnttatctcn | nntgcnnntt | tgngccanca | 420 |
| cnnttctntca | ncacctattg | tgncctnngc | gnannatnnt | ttacncntgc | ggttgntatn | 480 |
| nacancntnc | tcttgcatng | cgtcattaac | ctntagtgt | tcacacanaga | natatttttt | 540 |
| agagggcgat | ntntnatcat | agngannata | ctntcancnn | aattagtgtc | ttnaatattt | 600 |
| tatnctacta | antgatntct | tggnagngtn | tcatatnnga | tcctaataatt | gtntnttatt | 660 |
| ttttgtaacc | ctattgtgca | nttcnctat | aatatnnggg | anaatttgtg | cnnctttat | 720 |
| nttctctata | ttanacatnn | atattggggg | nannnttacn | actcnnttat | atnnagaaga | 780 |
| nctntactcc | ntatgtnnna | nataananac | tnntatacnc | tatattnnga | annagncacn | 840 |
| nnttgggann | gcttttanat | tactncatac | atacatgnat | gtntataann | anngcttncn | 900 |
| atatnggcac | naaaatactc | tatatgtntt | tgcnttacna | acancactat | tnttatcnta | 960 |
| cnttattatn | ntnnntnanc | aaccnactc | ntnntatanc | gnctctctnt | ntnctgtctc | 1020 |
| nntatnntnt | cgcnnctctn | ttnactntgg | ngnntacnta | ttattagaga | ngngnngatt | 1080 |
| tatntctcnt | ctgcgcta | ggantnacaa | gtncntnnta | tannatanat | tngtncnctn | 1140 |
| ncantcaatn | nttatnnctn | tacatgnatt | agcatnatnt | nccnnnttat | tgtttaantn | 1200 |
| acaccntca | agatnntcta | ctatgagant | acacancttc | tcanaanant | atgnctcaat | 1260 |
| gtanatcntc | ctcactcgng | ntttctgtc | cacatntnt | canaacttct | ancntntact | 1320 |
| aatatnntct | aaantnccnc | gtnnatnctc | tncangnngn | ctgcncntcc | tttngnnntn | 1380 |
| ncatatnggg | tancatttcn | tcnncnt | | | | 1407 |

<210> 4423

<211> 804

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4423

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| ggttanttcn | tttcctttca | atccttggct | acttggttctt | tctgcaggat | cccatcgatt | 60 |
| cgaattcnnn | ncgnggaggc | ctncceggca | tctggnnncn | ttggnatctg | nttngcngnt | 120 |
| ngagegatnn | tcggctgttg | tggacacgc | tttnangett | ctgttggtgca | tntannttga | 180 |
| ttcacatngn | cttacacant | gcctggangc | tgtctnntag | gctaatagca | cttncacatt | 240 |
| gggagataca | cctgctgata | gtggnnnatn | gacncnctga | nttaangtgn | tggannngat | 300 |
| nngtnntttt | anngnntgg | nnaaactnnt | cntattcncn | tgatgnnact | ttggatcnca | 360 |
| ctnctgaggg | anatcngtna | tggagcnanc | tngggcnggn | gnaccnnctt | nttttttagaa | 420 |
| natgaaatca | tacatctgng | ngnntcagtg | ntnnnctgga | tatcngcntc | tgntttantn | 480 |
| acttccaccc | anagcatnat | angacctcng | acttanccng | ngtcnnagcc | ttctganatn | 540 |
| nggnctggaa | gnctgntngg | ctnccttann | nnnccctntt | gagnatnatg | atnnaacncg | 600 |
| gctttgggng | gttcccactg | atntgacact | gnctangcaa | gatncccaan | gatggcgant | 660 |
| cntcttgcaa | tttggggaagg | aantcctntt | tntncngctt | gntagnatng | ccttnnnnat | 720 |
| aaccttgctt | tgaantttnt | taaccccnnt | aatccagntt | ngannttgct | ttaggtaaaa | 780 |
| nccaattgca | ntcgnnanan | ancg | | | | 804 |

<210> 4424
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4424

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|-----|
| gnttnncncc | tttcaattnc | ttggctactn | gtcttttttgc | aggatcccat | cgattcgaat | 60 |
| tcggcacgag | gaggatctgc | cttctgagga | agtggatcac | gagctgattg | aagacagtca | 120 |
| gtgggaagaa | atactgaagc | aaccatgccc | atcgcagtac | agtgtctatta | aagaagaaga | 180 |
| tctcgtggtc | tgggttgatc | ctctggatgg | aaccaaggaa | tataccgaag | gtcttcttga | 240 |
| caatgtaaca | gttcttattg | gaattgctta | tgaaggaaaa | gccatancag | gagttattaa | 300 |
| ccagccatat | tacaactatg | aggcaggacc | agatgctgtg | ttggggagga | caatctgggg | 360 |
| agtttttaggt | ttaggcgcct | ttgggtttca | gctgaaagaa | gtccctgntg | ggaaacacat | 420 |
| tatcacaact | actcgatccc | atagcaacaa | gttggttact | gactgtgttg | ctgctatgaa | 480 |
| ccccgatgct | gtgctgcna | taggaagagc | aangaaataa | gantattcag | ctgattgaag | 540 |
| caaagcctct | tgtttatgta | tttgcaagtc | ctggttgtaa | gaaagtgggg | ataccttggtg | 600 |
| cttcagaaat | tattttaaca | tgctgntggg | aggcnanntt | taaccgata | tcccattggg | 660 |
| gaatgttctt | tcaantccca | naaggttgtg | aagcatatga | acttttctnn | gagtcctggc | 720 |
| ccactgtgga | attatgacta | ctatgcanc | | | | 749 |

<210> 4425
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 4425

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| tчнаатnctt | ggctcttgnt | ctttntgcag | gateccctcga | ttcgaattcg | gcacgagntn | 60 |
| gagctggaca | ctnagncaca | gttttagagtn | ttgatatatn | actngaaaac | agtancattn | 120 |
| ccnaanaccn | atnacccecn | ccctgtccna | angaatgatn | gntatgnatg | tgaagttnat | 180 |
| nttntgactc | ngatnatnac | nttccacttn | ggatgcacaa | ccatgctgnc | ctgtacagaa | 240 |
| gtcacangtn | ttgtgagaat | ttntaaactg | atgatgtgna | ttnncatggg | aacatgagtc | 300 |
| tacattttac | cttcnatagt | agcnatgaat | cacaatnacn | tctttgttta | taggttggtg | 360 |
| gaaaantaat | tgctgttntg | ccattgcttt | taatggctgc | cacaactact | ttngcacnan | 420 |
| cctaataatt | attaanactt | tnctttctng | anacacaatt | nctgaaanng | ggattnatgt | 480 |
| gctgagnctc | taaggaccct | gatantncnt | ngtatnnntn | ggtgaatggt | gnanaatatt | 540 |
| tcatnactac | tcaantgatg | gtncatgatg | ctgggaggaa | gcctncttna | gcatnttanc | 600 |
| canattgncc | agggtttcna | gganaagtct | aaagcctgtn | angataccna | tgggacccca | 660 |
| ccngggtgna | anggcttnnt | gtcttnccgg | gactttgagc | ttaattttcc | cangnaaaaa | 720 |
| anggctt | | | | | | 727 |

<210> 4426

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4426

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cctttcttga | aaacnttggc | nacttnctct | ttntgcagga | tcccatcgat | tccaattcgg | 60 |
| cacgaggagg | atctgccttc | ngaggaagtg | gattnagagc | tgattgaana | cannnantgg | 120 |
| gaagaaatac | tnagcnacc | atgcncatcn | cantncantg | ctnttaaaga | agaagatctc | 180 |
| gnggtctggn | ttgatccttt | ggatggaacc | anggantata | ccgatggtct | ncttgacaat | 240 |
| gtaacaggtc | ttattggaat | tgcttatgaa | ggaaaagcca | tagcaggagt | tattaaccag | 300 |
| ccatatnaca | actatnaggc | aggaccanac | gctgnnttgg | ngaggacaan | ctggggagtt | 360 |
| ttaggtttan | gngcctntgg | gttncatctg | aaagaagncc | ctgctgggaa | acncnttate | 420 |
| acaactactc | nattccatag | naacaagacg | gttactgact | gngttgctgc | tatgaaccn | 480 |
| gatgctgtgc | tgcnagtatg | aggacaggan | attngattat | tcagcttatt | nanggcaann | 540 |
| actctgntta | tnnatttgc | agnnctgggt | gtnagaattg | ngatacttga | gctccagaag | 600 |
| ncatttacat | gctgtnggag | gcangttaac | cgaatccatn | ggnatgttct | tcagtccacc | 660 |
| aangatgtta | accatntgaa | ctctggatga | gtactgccac | nctgaggatt | atgactactn | 720 |
| tgcaagccca | nnacatgngn | gagccccctn | ctt | | | 753 |

<210> 4427

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4427

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttgnaaanc | cctttctggt | gttcaccgga | aaacnttggg | aaattcccat | agctncangc | 60 |
| annnantgcg | atggcgtgcg | cctgtagtcc | caggtactcc | ggaggctgtg | gcagattttt | 120 |
| ggcttattga | acacaggcag | nttgtggcca | ttcagcaagg | agcataatgc | ccctgtnggt | 180 |
| ggtgatagtg | aataagcact | cagtgcagnc | aataagnata | taattngagt | taatgcatgn | 240 |
| cnaatgattc | cngtccttgc | ttgaatgtgg | atttntntat | ctcantncca | atacatttnc | 300 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tacaaagcca | agtgccattc | cctggaattg | gccnatagca | atcnggaatg | tnnaccatng | 360 |
| gattcactca | ctggcagntc | aagtctgtga | acaccatgaa | ggttaatcaa | catgaggggt | 420 |
| taaagccaac | tttatagget | tgctatatnn | nccttcctgg | tcagcaatan | agcccattcn | 480 |
| cnggagcttc | cngnggggat | gactcgcccc | agngaattctt | cctattaagn | naaccnanng | 540 |
| gnttaactgn | agaaaaggct | tnccgtnatc | tnaagatcc | ttttggaaac | cacntttant | 600 |
| ctaccctggc | ctncaagntc | caatttggan | agaccegncc | atnnancctt | tggangaaat | 660 |
| ncccaatncc | aggaaaccca | atggccaaaa | cccctnttnn | aaggnnnctt | naacaagccc | 720 |
| agggaaaacc | naattncccn | aaanattggg | gccnntnnnn | gggggggggn | aaaaaggctn | 780 |
| naaactntcc | cnaacttaaa | acaaangncc | ccttgggntt | ntcaaaaaaa | nggggcnttt | 840 |
| nggaanggaa | aangganccc | cna | | | | 863 |

<210> 4428

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 4428

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| nntttactnc | ctttnccccc | tctntttgca | ggatcccatc | gattcgaatt | cggcacgagg | 60 |
| cagaaacngat | ccagacanaa | antgtntgca | ttttaccttn | tttcccnenc | caattcttct | 120 |
| tngtaganga | nagtancgtc | agatgnctct | tgncganect | nnctcngtt | gnacatngcc | 180 |
| tatnctcctt | tnagatntan | atgganattt | gcttatgact | tgtgttgnat | aacgaggtan | 240 |
| aaanattgct | gtcttctctg | acatncctcc | tcaaaganat | cattaatgta | tgatatctaa | 300 |
| taaaccanct | antgcatgta | acagtgatca | gcaaattaat | anatnanacc | tctattcatg | 360 |
| cttaaattat | caaagntagt | attnaatga | natgtgctat | tttcattaaa | atntntggca | 420 |
| ccatcgagna | tganaacttac | caattgcanc | nnaggnantg | agccctnacn | c | 471 |

<210> 4429

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(976)

<223> n = A,T,C or G

<400> 4429

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|-----|
| nggggtataa | annnnntttt | nngaatacag | ctacttgttc | tttttgccagg | atcccatcga | 60 |
| ttcgcanng | ngcncgnnat | ntgntngncn | atngaactgn | cnnngcacat | caatatnngt | 120 |
| gggnttncnc | natctntcat | nnantgtgna | anacagatct | gacttggtta | tgtnngagt | 180 |
| accctganca | atgnnnngnag | acggnntaggg | gtacacggag | cacacattcg | tcacaaattc | 240 |
| tatnggtgca | tnntttgcaa | gggncgtttc | caggggtgctt | attancgann | gcaaagggta | 300 |
| cttggaatt | gcaagatttt | ncaatgagcc | ccaagnaatt | cntngancga | attgcattgg | 360 |
| caccccaagg | tttnaggaaa | agatnggnaa | anccanttac | cttcnaattt | ccaaccttgn | 420 |
| nattttgacc | ttggantggg | tttaannaan | accccagggt | agttacccaa | cntnngggcg | 480 |
| antttncnaa | agtnccccna | tccttaatt | ccaccaanna | anggmnttaa | aanaatggcc | 540 |
| taatttcggg | cgagttattc | gaagaataat | cgcttantng | tggtncaaaa | cttacattac | 600 |
| tcaatggaaa | cattcaccca | attttngaaa | gggaatcttt | aattcggcct | ggcattaaat | 660 |
| ccggagntgt | catgggcttt | cngaattcaa | atgaaanngg | ttatatctct | ggggngcaag | 720 |
| atcananttg | acganaccca | atggaangat | ctactgatag | gcangttacc | atcactggaa | 780 |
| tctgntgcca | gcatttagcc | tggetcaata | tctaatacaa | tgtcaaggct | tttnccttgg | 840 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gaaaacgggt | tggcattggg | ggagcaactn | ggaacaatgc | agattcaatc | cattaatccc | 900 |
| ttttctgggt | ttcaacaacc | aacccattga | atccatctgg | ggtaagtttt | cttgaaacaa | 960 |
| gtcancngaa | nttccn | | | | | 976 |

<210> 4430
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 4430 | | | | | | |
| tnnnnctttt | ctaattgncc | cctnattngc | nggttccaat | nnncanngaa | cgatcccatn | 60 |
| gattcgaatt | cggcagcagg | tttttttttt | tttttttttc | agttccagtt | ccactttctt | 120 |
| tttatTTaaa | taaccgaagc | aacagccgtg | gcacagcaga | gggaagctgg | gttggggcgt | 180 |
| gtganangtg | gcagcagtn | ggcctgatgg | ggggactang | tcacagtga | ctccccacac | 240 |
| gcctntcagg | ttcagcagtc | atggccatag | gattgggagc | actacggagg | agccatcagt | 300 |
| tagtgatgtc | tctccaagtc | ccanagacct | tagggacggg | agctaagtca | gctccctcaa | 360 |
| gtagcagggc | cagggcatcc | cagtcagggg | tcacggggcc | cggaaggcat | tttcagcagc | 420 |
| cccagcggct | gcattggcag | ctgcggttcg | caccncangg | ttggagaaga | caccancagc | 480 |
| aaattcttgc | tgggccttct | naaagctggc | acctgtgcgg | cggtataagg | agtggatccc | 540 |
| gttttcagcat | gacaattcct | agcacagcaa | tgccantgaa | gagcagggcg | accagcacat | 600 |
| gagcaccgat | actgcttggt | ttgcccttcg | gcaccaccan | agcagaatat | ccaccctgaa | 660 |
| tnccaacctg | ggatncaatg | gcctgaggac | aangacacat | tctggacgaa | gaaatganaa | 720 |
| naaaacnaga | aatttgatga | actgtactnc | ggaaagcctt | tacat | | 765 |

<210> 4431
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (739)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 4431 | | | | | | |
| gcttcaatnc | tttctaatnc | ttggctaccg | gntttctgca | ggatccctcg | attcgaattc | 60 |
| ggcagcagag | aaaaacaaca | gagagaaaaa | gaatacctga | gatatgtaga | agctttacga | 120 |
| gccc aaatcc | aggagaaaat | gcagctgtat | aatattactt | tacctccact | atgctgttgt | 180 |
| ggtcctgatt | tttgggatgc | tcctcctgat | acctgtgcc | acaactgtat | tttctataaa | 240 |
| aaccacagag | catatactcg | ggcactacat | tcattcatca | attcctgtga | tgtccctggg | 300 |
| ggtaattcaa | ctcttcgagt | cgcaattcat | aattttgctt | ctgcacacag | gcggactttg | 360 |
| aaaaatctat | aataagaatc | tgaaattaac | tggtagtatt | ttggctttta | cttaaaatca | 420 |
| tccttgagag | agtattttaa | gaaaagctgt | tcaagttata | aaatatataa | tctggaaaga | 480 |
| aatactgtct | catataataa | ttagattgta | atcattgntt | taatctctgt | ctgggaacca | 540 |
| agattgaaag | ctgacttact | tctctcttct | gtcttggtga | ccatacggag | cctattatTT | 600 |
| taaaatatga | tcagaccagt | aaggcttctc | ttactttgct | ctggctctgg | atcaggaaga | 660 |
| gctcatgtga | aagtctttga | gaatctctta | tttatcatct | ttctaaaact | gngtttttga | 720 |
| gcctggacag | tnctgaaaa | | | | | 739 |

<210> 4432
 <211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1006)

<223> n = A,T,C or G

<400> 4432

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|------|
| tatcttttct | aaaangnccg | taantgcntg | gttttaattn | cettggaang | ctnacntgcg | 60 |
| ttncgnattg | ggagncaggc | ctcatcagga | ccctgntgac | tcgnggcgcg | ggagctggna | 120 |
| gccaggctct | ncngcccttt | ctctggcttc | cttggnatgc | ctgntggggg | aagggnagga | 180 |
| ggagattaag | gaaangnaag | atgttccacn | ntagantgat | gaggtctacc | ggtncagac | 240 |
| catcncctaa | nacgagnatc | ccnancctnt | gcctnnncga | aatgtnanct | cctnncaactn | 300 |
| ggcncnagt | tatnagcccc | tcngaannnt | gtnacagccg | gacgtcttan | tnctttctgc | 360 |
| tcaangatgc | tcnaacncan | ncttnnattn | ggttgncnga | nnntgcggga | tnncngcncn | 420 |
| natatcnnnc | attgnntncn | cttaantggg | tcttntgncc | ccctttnaat | cccttccant | 480 |
| ttgaantcct | tntgtggntt | anaacgnntt | nnngaattaa | tancnncnt | ataccattan | 540 |
| antattggta | cacnccttgn | nttaccaaan | ttncactgg | gacttttggt | natattaaaa | 600 |
| ggntatntnt | ttatnatncn | ctccctattg | gggcncaaat | tcgtatttan | agccttaaaa | 660 |
| ctcncctctc | tattntatan | accnctnccn | ntattntant | ctncccaaan | tttatataac | 720 |
| gncnaancct | atcatntatt | tctngcgcac | ttccnngatt | ttnnataanc | atntntcatn | 780 |
| gggttataaa | ncctnngntn | aantgtnnnt | ntctntncna | nnnttntnt | nntaattttc | 840 |
| aantgtaccc | natnatnnnn | ncaanaaacc | ttntgttnac | cngtttcna | nancnntttt | 900 |
| tgnntcccat | ttanctcann | nggncttcnn | ttaancannc | ctgggggnnta | atntnnggga | 960 |
| nnnctattt | ntntgatntt | taaatagtat | antngnataa | caannt | | 1006 |

<210> 4433

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (474)

<223> n = A,T,C or G

<400> 4433

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| nancettaca | agctacttgt | tctttgtgca | ggatcccatc | gattcgaatt | cggcacgagg | 60 |
| aaangncnag | cantgangaa | tgtnttttgt | ntttggagcc | acattanac | ngnaancctc | 120 |
| atgactatat | ccantgtncn | ctccancag | canatngang | ncatgcatgc | ctcttttct | 180 |
| aactananan | anaacnntgg | gctcnngann | ctgngttaca | tccannngc | tttnatattg | 240 |
| cctcatggat | tcattggaaa | tacacgtgna | tacacaaant | cccanatnng | tcttgcattn | 300 |
| tattttngan | gcnngettct | ncaatannca | nnntctntn | ntnaaagatt | atttgangna | 360 |
| acctaaggte | cgtgagctct | tnctntaact | tattgatgac | nnataagnnc | agcattttcn | 420 |
| ntcncactgt | cntnannnac | ctgntggnat | cagctcant | gtctnggtng | nacg | 474 |

<210> 4434

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 4434

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| tnnnnttttg | aaantttttg | aaatcnctgg | nttctaantnt | tnggcacgat | cccatcgatt | 60 |
| cggggatggg | cctatgattg | ttcatgatga | gcatggagga | gtgtcggcag | gaactttctg | 120 |
| tgctctgaca | acccttatgc | accaactaga | aaaagaaaat | tccgtggatg | tttaccaggt | 180 |
| agccaagatg | atcaatctga | tgaggccagg | agtctttgct | gacattgagc | agtatcagtt | 240 |
| tctctacaaa | gtgatecctca | gccttgtgag | cacaaggcag | gaagagaatc | catccacctc | 300 |
| tctggacagt | aatggtgcag | cattgcctga | tggaaaatata | gctgagagct | tagagtcttt | 360 |
| agtttaacac | agaaaggggt | gggggaactc | acatctgagc | attgttttcc | tcttcctaaa | 420 |
| attaggcagg | aaaatcagtc | tagttctggt | atctgttgat | ttcccatcac | ctgacagtaa | 480 |
| ctttcatgac | ataggattct | gccgccaaat | ttatatcatt | aacaatgtgt | gcctttttgc | 540 |
| aagacttgta | atttacttat | tatgtttgaa | ctaaaatgat | tgaattttac | agtattttcta | 600 |
| agaatggaat | tgtggtatct | ttttctgtat | tgatttttaac | agaaaatttc | aatttataga | 660 |
| ggtaggaat | tccaaactac | agaaaatggt | tggttttagt | gtcaaatttt | tagctgnatt | 720 |
| tgtagcaatt | atcaggtttg | ctagaaatat | aacttttaat | cagt | | 764 |

<210> 4435

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4435

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| gnttcaannc | ntttccaaat | ncttggtctt | ngntcttttt | gcaggatccc | atcgattcgc | 60 |
| tcgcatcgcg | cacttttttg | atcggcattt | agtctttccg | cttcttgaat | ttctctctgt | 120 |
| aaaggagata | tataatgaaa | aggaattatt | acaaggtaaa | ttggaccttc | ttagtgatac | 180 |
| caacatggta | gactttgcta | tgatgtata | caaaaacctt | tattctgatg | atattcctca | 240 |
| tgctttgaga | gagaaaagaa | ccacagtggg | tgcacaactg | aaacagcttc | aggcagaaac | 300 |
| agaaccaatt | gtgaagatgt | ttgaagatcc | agaaactaca | aggcaaatgc | agtcaaccag | 360 |
| ggatggtagg | atgctctttg | actacctggc | ggacaagcat | ggtttttaggc | aggaatatatt | 420 |
| agatacactc | tacagatatg | caaaattcca | gtacgaatgt | gggaattact | caggagcagc | 480 |
| agaatatctt | tattttttta | gagtgtctgt | tccagcaaca | gatagaaatg | ctttaagtct | 540 |
| actctgggga | aagctggcct | ctgaaatctt | aatgcagaat | tgggatgcag | ccatggaaga | 600 |
| ccttacacng | gtaaaaagag | aaccttagat | nataattctg | ggagttcttc | actttcagtc | 660 |
| tcttcagcag | agacatggnt | tcattcactg | gtctctgggt | ggtttcttta | atcaccccca | 720 |
| aaggctcgca | taatanttat | ttgcccc | | | | 747 |

<210> 4436

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4436

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnttcaannc | ntttccaaat | ncttggtctt | ngntcttttt | gcaggatccc | atcgattcgc | 60 |
| tcgcatcgcg | cacttttttg | atcggcattt | agtctttccg | cttcttgaat | ttctctctgt | 120 |
| aaaggagata | tataatgaaa | aggaattatt | acaaggtaaa | ttggaccttc | ttagtgatac | 180 |
| caacatggta | gactttgcta | tgatgtata | caaaaacctt | tattctgatg | atattcctca | 240 |
| tgctttgaga | gagaaaagaa | ccacagtggg | tgcacaactg | aaacagcttc | aggcagaaac | 300 |

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| agaaccaatt | gtgaagatgt | ttgaagatcc | agaaactaca | aggcaaattgc | agtcaaccag | 360 |
| ggatggtagg | atgctctttg | actacctggc | ggacaagcat | ggtttttaggc | aggaatatatt | 420 |
| agatacactc | tacagatatg | caaaattcca | gtacgaatgt | gggaattact | caggagcagc | 480 |
| agaatatctt | tattttttta | gagtgtctgg | tccagcaaca | gatagaaatg | ctttaagttc | 540 |
| actctgggga | aagctggcct | ctgaaatctt | aatgcagaat | tgggatgcag | ccatggaaga | 600 |
| ccttacacng | gtaaaaagag | aaccttagat | nataattctg | ggagttcttc | actttcagtc | 660 |
| tcttcagcag | agacatggnt | tcattcactg | gtctctgggt | ggtttcttta | atcaccccca | 720 |
| aaggtcgcga | taatanttat | ttgcccc | | | | 747 |

<210> 4437

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4437

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gnttaatgcc | tttcnattgc | ttggctctcg | atctttctgc | aggatcccat | cgattcgggtc | 60 |
| ctacccaaac | ctgtggccgc | cacttttgaa | ttctcagatt | gccctgaatt | ttgccacttt | 120 |
| taaataatgt | gctgaataag | ctcagcaact | aaaaaccatt | acccaagaac | gtttcttgtg | 180 |
| agtgaagctga | tttattctga | ttcattatat | tccttttggg | agattttata | ccccttgggg | 240 |
| aaataatata | acaaaaacat | ctcttaaaaa | tgctgggatg | gggccatata | tactagcaga | 300 |
| ggccagatgg | tcagatatga | tttctgcaaa | cccatcttga | ccttgagtat | gtgaaggggt | 360 |
| actgtacttt | attcctgata | catttttggt | tccatgtagg | tggtgagctc | ctggntttct | 420 |
| gtgtttggat | gatgaagatt | tggacccttc | cattcataat | ccctttctaa | gtgaagggag | 480 |
| aggctggcct | ggctgntcct | tgntattccg | aaagccctgg | tttggggccc | atgttcacac | 540 |
| tggctctcag | tctagtcagg | tgcaatgttc | ttgagaggtg | gggacctaat | tattaccaga | 600 |
| gtagcancaa | gagaggaaac | gttgtgaatt | aagtattcaa | ttnaaaaagg | aacatgattt | 660 |
| ctacctgaaa | aaangnanan | gnncctnnct | tgattanctt | cntaatcctt | nnnnatnnaa | 720 |
| ncnntcctna | annantttta | t | | | | 741 |

<210> 4438

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4438

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ggttanttcn | tttcctttca | atccttggct | acttgtttct | tctgcaggat | cccatcgatt | 60 |
| cgaattcnnn | ncngggaggc | ctncgcggca | tctggnnncn | ttggnatctg | nttngcngnt | 120 |
| ngagegatnn | tcggctgttg | tggacacgcn | tttnangctt | ctgttgtgca | tntannttga | 180 |
| ttcacatnqn | cttacacant | gcctggangc | tgtctnntag | gctaatagcna | cttncacatt | 240 |
| gggagatata | cctgctgata | gtggnnnatn | gacncnctga | nttaangtgn | tggannngat | 300 |
| nngtnttttn | anngnntgg | nnaaactnnt | cntattcncn | tgatgnnact | ttggatcnca | 360 |
| ctnctgaggg | anatcngtna | tggagcnanc | tngggcnggn | gnacnncctt | ntttttagaa | 420 |
| natgaaatca | tacatctgng | ngnntcagtg | ntnnnctgga | tatcngcntc | tgnttantn | 480 |
| acttccaccc | anagcatnat | angacctcng | acttanceng | ngtcnnagcc | ttctganatn | 540 |
| nggnetggaa | gnctgntngg | ctnccttann | nnncctntt | gagnatnatg | atnnaacncg | 600 |
| gctttgggng | gttccactg | atntgacact | gnctangcaa | gatncccaan | gatggcgant | 660 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cntcttgcaa | tttgggaagg | aantccnttt | tntncngctt | gntagnatng | ccttnnnnat | 720 |
| aaccttgctt | tgaanttttt | taaccccnnt | aatccagntt | ngannttgct | ttaggtaaaa | 780 |
| nccaattgca | ntcgnnanan | ancg | | | | 804 |

<210> 4439

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4439

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gnnnnnnntt | cccctttcta | atcncttgga | nnctcgctctn | tntgnangat | cccatngatt | 60 |
| cgaattcggc | acgagagaaa | cacaggtgtc | gtgaaaacta | cccctaaaag | ccaanatggg | 120 |
| aaaggaaaag | actcatatca | acattgtcgt | cattggacac | gtanattcng | gcaagtccac | 180 |
| cactactggc | catctgatct | ataaatnngg | tggnttcgac | aaaagaacca | ttgaaaaatt | 240 |
| tganaaggag | gctgctgaga | tgggaaaggg | ctccttcaag | tntgcctggg | tcttgataa | 300 |
| actgaaagct | gagcgtgaac | gtggtatcac | cattgatatc | tccttgtgga | aatttgagac | 360 |
| cagcaagtac | tatgtgacta | tcattgatgc | cccaggacac | agagacttta | tcaaaaacat | 420 |
| gattacaggg | acatctcagg | ctgactgtgc | tgncctgatt | gttgctgctg | gtgtnggtga | 480 |
| atttgaagct | ggtatctnca | agaatgggca | naccnnaaag | catgcncctn | tggcntacac | 540 |
| actgggtgtg | aaacaactaa | ttgtcggngt | taacaaaatg | gattcacttg | accaccctan | 600 |
| aggccngaag | agatattgan | gaaattgtta | aaggaagtca | gcacttncat | taagaaaatt | 660 |
| ggcctacaaa | tccnnganac | aataancatt | tgtgcccaatt | tnnggggttg | gaatgggtga | 720 |
| ccaacattgc | ttggagccca | agtgnntaac | aatgccttng | gttnaaaggg | antggaaaag | 780 |
| ttacc | | | | | | 785 |

<210> 4440

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4440

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ngatatcggt | cgctgagggg | ccaagtggga | ggcctngnna | ggtgtggagg | tggattccgc | 60 |
| tccgggcacc | gatctcgcca | agatcctnag | tgacatgcga | anccaatatg | aggncatggc | 120 |
| cgagcagaac | cggaaggatg | ctgaagcctg | gttcaccagc | cggactgaag | aattgaaccg | 180 |
| ggaggtcgct | ggccacacgg | agcagctnca | gatgagcang | tccgagggtta | ctgacctgcg | 240 |
| gngcaccctt | caggggtctt | agattgagct | gcantcacag | ctgagcatga | aagctncctt | 300 |
| ggaagacaca | ctggcagaaa | cggaggcgcg | ctttggagcg | nagctggcgc | atattcaggc | 360 |
| gctgatcagc | ggtatttgaa | gcccacttg | ggcgatgtgc | gaagctgana | gtgaacgggc | 420 |
| agaatcagga | gtaccagcgg | ctcatggaca | tcaagtcgcg | gctggagcan | gagantgcc | 480 |
| cctaccgcga | gcctgcttag | ggacagggaa | gatcactaca | caatttgtct | gctcaaggct | 540 |
| tctgaggcag | cagctctggg | gcttttgttg | tccttggagg | tgttttctgg | tagagggatg | 600 |
| ggaaggaang | gacccttacc | ccgggttttt | cttgactgca | ataaaaattat | tgggcaagga | 660 |
| aaaaaaaaaa | aaaaactcca | gccttanaac | tatanngngt | cggnttctta | aatccagaca | 720 |
| tganaanana | nattnttngt | ttggacaaac | ccaacttnaa | tgcnatggaa | aaaatnnttt | 780 |
| tttttnnaa | | | | | | 789 |

<210> 4441
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4441

| | | | | | | |
|--------------|-------------|-------------|-------------|-------------|-------------|------|
| ggnnnnnnncnc | nntttttncn | cncncncncct | acatttcgaaa | aaaaccccccc | cntttttgggc | 60 |
| ccaaaaaaaaa | ccccccccccc | cntttttgcna | aaaaaccccc | ctttttggcna | aaaaaacccc | 120 |
| ctttttgggga | aaaaaaancn | ttncncncn | cnnccanacn | gnnnnnnncan | cccgannaan | 180 |
| naggnnnncan | nannnnnnnn | nnnnngannan | nnnnccncnn | attatttttnn | nnnnnnncnna | 240 |
| nnngnnnnnan | annnnncnann | aaannannna | nnnnccnnttn | annnnnnannc | annnnncnnag | 300 |
| nagngnnnnnn | ncannanaan | nnnnngnnnnn | nanaancaac | nanaannngn | gnngnnnnnn | 360 |
| annnnnnnnng | ngnggcacnn | nnanacnaac | anacnnnnann | nananannaa | nacannnnana | 420 |
| cngncncnnan | nannananann | gananannaa | naccaannnnn | nnnancnnaa | nncannnnnn | 480 |
| ncnngaggnc | ccccncncnca | ccanancaga | aagaagacan | ganannnnnan | ccagaangan | 540 |
| cncanannnac | aanacaaacn | anacnaanaa | caaanaanac | aacanaanna | anggcnnaaa | 600 |
| nnnnncaaac | anaaannngc | nanacnagga | cganngcgac | aaacnacncc | nagacatana | 660 |
| caacanacaa | nacanacnaa | canaannanc | naacannaaa | cagaacaaga | cncagncaga | 720 |
| cngnancann | ncncganacn | cnaacaacaa | ncngccaann | ncanaancaa | ananacncac | 780 |
| anaacanana | cnanagnnna | aaaangaagc | aaanacgana | cnnanannng | aagnanncac | 840 |
| ncacanncna | nagcaccgac | anagnganan | gacanganag | annnaancca | acaanngaac | 900 |
| aaagacncgg | nagnacaccn | nacnnaagaa | agcaacnaan | ancnccacna | acancngnac | 960 |
| acacacacac | nnnggananaa | canaccgnna | acaanacang | ncaaacgnan | acnaagcaca | 1020 |
| nnncnnacaa | gcgacnnng | aaagacaacg | acacancaga | nnacgacgaa | nnngancaang | 1080 |
| nanagacgaa | acacgnaccn | nggaaannca | aagnaacang | cacncacacn | ngacnacaaa | 1140 |
| canannncga | cganacgnaa | agaacgngna | cncgnanann | ggnacacaaa | cnaancacaa | 1200 |
| cgaacgacan | agacgcanc | acgcncacan | ngcccnanga | nanncgagca | cncagncgac | 1260 |
| gncgnananc | acgccacaca | ncnaacanta | aannnggann | nagacancng | gnnggagantc | 1320 |
| gacanngnga | cacagaacac | anacnncann | ancaccnnnc | ganacaacaa | cnagcgnaca | 1380 |
| cnacgaacac | anacancaca | ccaacacgna | caacangnac | aacnnagacc | nacnacccnc | 1440 |
| gaccccaacn | | | | | | 1450 |

<210> 4442
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4442

| | | | | | | |
|--------------|-------------|-------------|-------------|-------------|-------------|-----|
| ggnnnnnnncnc | nntttttncn | cncncncncct | acatttcgaaa | aaaaccccccc | cntttttgggc | 60 |
| ccaaaaaaaaa | ccccccccccc | cntttttgcna | aaaaaccccc | ctttttggcna | aaaaaacccc | 120 |
| ctttttgggga | aaaaaaancn | ttncncncn | cnnccanacn | gnnnnnnncan | cccgannaan | 180 |
| naggnnnncan | nannnnnnnn | nnnnngannan | nnnnccncnn | attatttttnn | nnnnnnncnna | 240 |
| nnngnnnnnan | annnnncnann | aaannannna | nnnnccnnttn | annnnnnannc | annnnncnnag | 300 |
| nagngnnnnnn | ncannanaan | nnnnngnnnnn | nanaancaac | nanaannngn | gnngnnnnnn | 360 |
| annnnnnnnng | ngnggcacnn | nnanacnaac | anacnnnnann | nananannaa | nacannnnana | 420 |
| cngncncnnan | nannananann | gananannaa | naccaannnnn | nnnancnnaa | nncannnnnn | 480 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|------|
| ncnngaggnc | ccccncnca | ccanancaga | aagaagacan | ganannnnan | ccagaangan | 540 |
| cncanannac | aaanacaacn | anacnaanaa | caaanaanac | aacanaanna | anggcnnaaa | 600 |
| nnnnncaaac | anaaanngc | nanacnagga | cganngcgac | aaacnacncc | nagacatana | 660 |
| caacanacaa | nacanacnaa | canaanannc | naacannaaa | cagaacaaga | cncagncaga | 720 |
| cngnancann | ncncganacn | cnaacaacaa | ncngccaann | ncanaancaa | ananacncac | 780 |
| anaacanana | cnanagnnna | aaaangaagc | aaanacgana | cnnanannng | aagnanncac | 840 |
| ncacanncna | nagcaccgac | anagnangan | gacanganag | annnaancca | acaanngaac | 900 |
| aaagacncgg | nagnacaccn | nacnnaagaa | agcaacnaan | ancnccacna | acancnagnac | 960 |
| acacacacan | nngnganaaa | canaccgna | acaanacang | ncaaacgnan | acnaagcaca | 1020 |
| nnncnnacaa | gcgacnngng | aaagacaacg | acacancaga | nnacgacgaa | nngancaang | 1080 |
| nanagacgaa | acacgnaccn | nggaaannca | aagnaacang | cacncacacn | ngacnacaaa | 1140 |
| canannncga | cganacgnaa | agaacgngna | cncgnanann | ggnacacaaa | cnaancacaa | 1200 |
| cgaacgacan | agacgcanc | acgcncacan | ngcccnanga | nanncgagca | cncagncgac | 1260 |
| gncgnananc | acgccacaca | ncnaacanta | aannnggann | nagacancng | gnggagantc | 1320 |
| gacanngnga | cacagaacac | anacnncann | ancacnncn | ganacaacaa | cnagcgnaca | 1380 |
| cnacgaacac | anacancaca | ccaacacgna | caacangnac | aacnnagacc | nacnaccnc | 1440 |
| gaccccaacn | | | | | | 1450 |

<210> 4443

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4443

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ccttggnnag | nngccccctt | naaanccttt | gaaaaccctt | ggcaaangcc | ctnnncgnnn | 60 |
| gateccatcg | attcgaattc | ggacgaggag | aggatcactt | gagcttagga | gttcaaattcc | 120 |
| agcctgagcc | aacataacaa | gactttgtct | ctaaacaaaa | cagttattgt | ttaaagaatc | 180 |
| tgaaatcttc | atctttaatt | caggtagcac | cgactcgagc | ccaagtttgt | ttgatatcca | 240 |
| gttccaagtc | tggagagagg | catctntatc | ttattaaagt | atcgagagac | aaaatatcag | 300 |
| acagcaatga | ccaagagtca | gcaaattgtg | atgcaaaagg | gctatcaaag | ggaggctttt | 360 |
| tacagagaac | taaggaagag | aaggaggttg | ttaaagagac | ttgagatcag | aaaaagatca | 420 |
| agaacaactt | gaatctcaaa | gtatgaattt | gaagtatttt | gctgagcaaa | catttgaatg | 480 |
| cctgtatgta | ccgtaatcct | ctatcactgg | ggcccccaac | cccggtagca | gcccgtggcc | 540 |
| tgctagggac | tgggcccgc | cagcaggagg | tgagcagngg | gtgggcaagc | cgaccattcc | 600 |
| cacctgagct | tnccctctct | gtcagatcag | cancagcggt | agattctcat | aggagtgcga | 660 |
| ccctattgta | aactgccatg | cnagggatct | aggttgacag | ctccttatga | ggaattgaat | 720 |
| gcctgatga | acttgnact | gncttccatc | acccccagaa | ngganctggc | taacc | 775 |

<210> 4444

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4444

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ntcnannngn | gtccttggcc | cttgctnttt | ntgcaggatc | ccatcgattc | gccaacgagt | 60 |
| accagctgat | tgactgtgcc | cagtacttcc | tggacaagat | cgacgtgatc | aagcaggetg | 120 |

1446

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| actatgtgcc | gagcgatcag | gacctgcttc | gotgcegtgt | cctgacttct | ggaatctttg | 180 |
| agaccaagtt | ccaggtggac | aaagtcaact | tccacatgtt | tgacgtgggt | ggccagcgcg | 240 |
| atgaacgccg | caagtggatc | cagtgtctca | acgatgtgac | tgccatcatc | ttcgtggtgg | 300 |
| ccagcagcag | ctacaacatg | gtcatccggg | aggacaacca | gaccaaccgc | ctgcaggagg | 360 |
| ctctgaacct | cttcaagagc | atctggaaca | acagatggct | gcgcaccatc | tctgtgatcc | 420 |
| tgttcctcaa | caagcaagat | ctgctcgctg | agaaagtcct | tgctgggaaa | tccaagattg | 480 |
| aggactactt | tccagaattt | gctcgctaca | ctactcctga | ggatgctact | cccgaacccc | 540 |
| ggagaggacc | cacgcgtgac | ccgggccaaa | gtacttcatt | tcgagaatga | agtttcttga | 600 |
| nggatcaagc | acttgccagt | nggaaaatng | ggcgcgtact | tactgggttac | cccttcattt | 660 |
| tnaacctnec | cttgtnngga | acaacttggg | gaaacaatc | cgnccgtngt | ggtttcaaaa | 720 |
| cggaactggg | cccnnngaca | attnanttta | agcgggcaat | ggccaccctt | ttgggtcaan | 780 |
| gtncncnaagc | ctggtttttt | | | | | 799 |

<210> 4445

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4445

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gaaaggggag | ngnanntttt | naanggcgtt | ctaagtntgg | agcacgannc | tanaaagcgg | 60 |
| gttnggcacg | aggctgnanc | tgcccgtggg | caccacgggn | acactgtctt | ccgggacctg | 120 |
| ngggcccaga | nnggctgggt | gacgggnctt | cctaacagag | tacgcggggc | cccttttcat | 180 |
| ntacctgctc | ttctacttcc | gagtgcctt | catctatggc | cacaaatag | actctacngt | 240 |
| ccagtcggca | tacagtgggt | cacctgcct | gcactgtgca | ctcattccac | tacatnaagc | 300 |
| acccggaata | nagcccgtg | ccccagtcgg | aaaaaaaana | aatnaanann | atanccctna | 360 |
| tgnataanca | aaacttgngc | ctnttaaanc | ttagttagtc | ngaattacnt | naaatccaga | 420 |
| ccatgatnga | gatcccatg | atgaagtng | gnacaagccc | ncancttaga | aatgcnangg | 480 |
| aaaaaaaaat | tgctttaatt | ntgttgaaaa | tnngcnga | gcncatnngc | ctttantntg | 540 |
| ntnacgcnat | tattnaagcc | tgngtantta | acccaangta | tatccaccca | acaaaatggc | 600 |
| atancaattn | tatanggttn | nanngctntc | agnngcgnn | aggttgctnt | ganagnggnt | 660 |
| nttcnnaatt | ncctnecgga | nctgagngag | ccccaaatag | cntttggggg | tcccnggntc | 720 |
| acctcanacn | ttncgggata | tannccntac | gnaannanng | gggtctaaan | ttgggcncca | 780 |
| ccttgngngc | gnnnaaantc | tnnnngggnt | cnaataannc | ttnttntntc | ntnnngngtt | 840 |
| naanaatntg | nanatatacn | cncgtataca | tanacanntc | tcnctgnccg | | 890 |

<210> 4446

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4446

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| nnnntgnnnn | nnnntttnnn | nngngcnttt | tatagncngc | tcttgttctt | tttgcaggat | 60 |
| cccatcgatt | cgcagcagg | ttgccnngtg | gctgntatgg | catctatann | antttcaggg | 120 |
| ttncntaac | cnngggnc | ntgcntgan | tgacngtggg | natcntgtng | tggttaangan | 180 |
| cncaggacnc | nttgatntn | ntggaaacaa | atggnaacan | anngtatcct | ctnnggatac | 240 |
| tggtnccca | nttgnttaa | cacaggtanc | agctgctcan | nttnacctga | gggatccaga | 300 |

```

ggcnnttgct aaactagcta ttcattggcat gctgccaaana aaccttcaca gaggaccaat 360
gatgggaaagg ntgcattcttt ttccagatnc tntattccag aanatntnct nangaatntn 420
cnagangagc ttntctcaanc ncgaaaanta cctaaacgtn tanatgagtn acacacgaag 480
aatgggacgc cttcccaaga ttgtggactc cacctgacna ttatcggcta tangagagta 540
anacttgnac anaataacag tgaagtgatt gaaactttct tctgangagt ttctctacct 600
acaggatgga gttaaactact gntacagntc acacctgttt tatgtgcnga atcactgtgg 660
ggaaaggtag tgacgtgtan ncttcaata gganattgga ttgaaatntc actttattga 720
accattttta tgnatctga 740

```

<210> 4447

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1221)

<223> n = A,T,C or G

<400> 4447

```

anggccanng nnttttttcc caaaaagngg ccccnctttt ttccnaaaaaa cccctttttt 60
gccaaaaaan ncgccttttg gggccaaaaan anntgccccg cngnncnnnn ggttttggnn 120
cncnnaaaan nnnnnncccc ncnnannnnn cncnnnnnnn ncnnnnnnnn nnnnnnnnnn 180
cannanncn nnnnnnnnnn ngnnnnnnnn acnnnnnnnn tttttnnnnc nnnnangnnn 240
gnggggnna annnnnnnnn cgngngngca nnnnnnnngn ggggnanann ncaanngann 300
ggncncnnc nagacaacnn nnnncnnana nnananacna annncncnnn nnnnanaang 360
nnncncnnnn annannncna nnnncngnnc cccccncgc nccngncnnn gnggcgcaan 420
acntnancn nnnnggnann antnecgagan tgnccnaatn anngccncac annaagncca 480
naaccacaat ncnnnanaac tntctnnatn ngaanacanc cagancccaa anaccnngnn 540
aacacnmaan nanaaccan cttnaagnna cgccagnngn annaccaan acncncaann 600
nccagnnnna ccnaacacca cgcnnnccct naanacanac nananncaaa ncnatngnnc 660
cacgagtng taacnncnna accnacnaac acncagncgn ncanacnnc nannnncatn 720
accnacacnn cncgnaaan acngacnaac aaatcnaana agncnnnnna nttnancaag 780
nanatncnan cnnnacgacn tananantan ccacnnnana cacacacncg acgagncaac 840
aacnaccatn ncngcacgn accnncngtc tnnncacaan aactannca nccaccgna 900
aagaagaaac tanccaaann tnnacgancn acctctnnaa gnnccgcnag annacnannc 960
acgncccaan tnacaccnna cnnccnnaca cncnaacgtn ccannacata acnngaacca 1020
naccacngca ngaannnnac annncaagnn annacancan ancnnngaac nnnagcngcg 1080
ancanccnac gncgcaannc gacanaagnt anagaagaac nacnaaacnn annncaaan 1140
naannaaacc taccagann gttnacacna cacantncnn cnnacgagcc gcatnnnnnn 1200
ananacgacg gacancaacc c 1221

```

<210> 4448

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 4448

```

gnnntttcaa atagctaggc tactngttct ttttgaggc atcccatoga ttctgtgtaa 60
tcgtgtggtg ataactctgt cctcctttta aagcgaattc tctactgaaa ggtctgctct 120
gcttaaggag ctacaaactg ctctcaaaag aatgaaatgc tgagttccaa ttcagtgagg 180

```

1448

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| cacagtgttg | gactatggca | catttagttg | gagtcggggg | gaggtcagga | atatgatcag | 240 |
| ataatggatt | ttatacctta | gagcaaaatc | tattagtctc | tctcagttta | tcaattttaa | 300 |
| tggtcttagg | cttatagggg | gtgtaaactt | taagaatata | attctcccat | tcaagtttac | 360 |
| agcaaacatc | tagccacctt | caaaacaaag | aatatacaga | ccatcattta | gcaatactaa | 420 |
| tacatgattt | tccttgggga | tggcaggttt | gagaatcctt | tagcaacagg | acatactttc | 480 |
| cctaaattan | cnngggaatt | atTTTTTTac | ccgggggttaa | aagcttttca | ggntnccaaa | 540 |
| ncttaaaggt | gggggttggtc | ttaaccaacc | taaaaaaact | tnttcacctt | aaaattcttc | 600 |
| aaaaggaaga | aaaagttnct | ttggccaaaa | atTTTtggtaa | aaagtttcca | ccaaanggggt | 660 |
| ggcaaaaacc | atTTTTTccc | ctttcctttt | aanggccntt | ttnaatcctt | aaagggaaaa | 720 |
| ggggccttnt | ttgaaaaaac | ttggggggcc | ccaatctggg | tanttaccaa | gggccttcca | 780 |
| aaaattttac | ccgttttttt | tnaaaanggg | aaaggaaaaat | cttnttgncc | aacctttnaa | 840 |
| gggcntttat | ttggccaggg | gaaaaatacc | cttcnatttt | ngggnantgg | ttaaaaaaan | 900 |
| ttttatttgg | | | | | | 910 |

<210> 4449

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 4449

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| gnnttttnnan | nncnngnttt | ctaatnctnt | ttnaatnctt | tgnnancgtt | ctntatgcan | 60 |
| gacccatcga | ttcgggaatc | tcctagaaaa | gttgtgattt | tcgagccata | tccttctgtg | 120 |
| gtagatccta | atgatcctca | natgttggcc | ttcaacccca | ggaaaaagaa | ctatgatcga | 180 |
| gtaatgaaag | cactggatag | cataacttct | atcagcnaaa | tgacacaagc | accatatctg | 240 |
| gaaatcaaga | agcaaatgga | taaacaggac | ccccttgctc | atcccttact | gcaatgggtt | 300 |
| atatcaagta | atagatcaca | tattgtgaaa | ctgccagtta | acaggcaatt | gaagtttatg | 360 |
| catactccac | atcagttcct | tcttctcagc | agtccaccag | ccaaagaatc | caattttaga | 420 |
| gctgctaaaa | aactccttgg | aagcaccttt | gcatttcatg | gctcacacat | tgaaaactgg | 480 |
| cactccatcc | tgagggaatg | tctggttggt | gcttctaata | cacgattgca | gctccatggg | 540 |
| gcaatgtatg | gaagtgggaat | ctatcttagt | ccaatgtcaa | gcataatcatt | tggtactcag | 600 |
| ggatgaacaa | gaaacagaag | gtgtcagcca | aggacgagcc | agcttcaagc | agtaaaagca | 660 |
| gcaaatacat | cacagtcacn | ggaaaaaagg | acagcaatcc | caattcctgc | caaagccgta | 720 |
| acttaaaatg | catagnccct | atgtgaaagg | gatcaccttc | atctggacct | gcacaaacat | 780 |
| ggc | | | | | | 783 |

<210> 4450

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 4450

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| gntnnngnnnc | cnttntnagg | gggtntaatg | cnctctctgtt | cttttgcagg | atccctcgat | 60 |
| tcgaattcgg | cacgaggaat | acctcaaacg | tctaccatta | cngtggggta | ganttttagcc | 120 |
| cacntntgcc | tttncancnt | anggggtntt | cntaagaaga | antactttga | ttctgaactt | 180 |
| gagcttatga | catacattaa | tgaaaactgg | gatagattgc | accctggaga | gctggcngac | 240 |
| acacccaaaat | ctgaaagata | tgagcatggt | ctggaggcat | taaatgatta | caagaccatg | 300 |

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|-----|
| tttatgtctg | ggaaagaaat | acaagaanaa | gaagcatttg | tttgggttgc | gaattcgtgt | 360 |
| tcctcctgtg | ccaccaaatg | tggctttcaa | agcagagaaa | gaacctgaag | gaacatctca | 420 |
| tgaattttaa | attaaaggca | gaaaggcatc | caaacctata | tctgattcaa | gggaagtaaa | 480 |
| gcaatggcat | ataaaaaaaaa | ggaaagaaaa | aatctgtagg | tctgccacct | ggcccatata | 540 |
| caagaaaaat | gattcaaaaa | actgctgagc | cacttttggg | taaaggaatc | aatttcagag | 600 |
| aatcctactt | ttggatttac | cttggngctat | agggagaaact | gagggaaactg | ccattcatcc | 660 |
| agtacctcag | atgtgggatt | ttacnggtgc | ttncagtgc | aaaagaaact | accttcgcta | 720 |
| gcattttcng | gccattatga | ttattn | | | | 746 |

<210> 4451

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4451

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| gaccnatcgg | ttngngagac | ngcctnccnn | tcnnncngcn | tctgnnggnt | gntnttttga | 60 |
| cacggtctcn | ngtgaaagta | cncacncact | cacacgnnaa | tgggcattgc | accccaactcc | 120 |
| tgctcaaagn | gctgnacgcn | gtcatgngta | gaattnctgt | acgcctgnnc | tctgncccnt | 180 |
| anngcngant | gggccacnnn | tntntatgan | cgcgacacca | angtgagtct | gacctttctg | 240 |
| acttgannna | caangtttgn | gggggctgnc | attcgtgntt | tnngngcnct | tnnaancatn | 300 |
| ataggaganc | ntnatnnncg | actgggaacn | nnctnnacac | atnctatctg | ngaantcatg | 360 |
| gggatcatng | gaggaaaccc | ttgtgctcga | aaataacgtg | ngtcaaacat | gcactcatgn | 420 |
| gnccnggcnn | accacnctn | gnctgtttcc | tacctaaggt | ataccatggn | atgnacactt | 480 |
| acngtaattn | tgcaaagtng | gcaaanatnt | tctcanancg | gagcctaacn | gnctaaatna | 540 |
| aaggtnnttc | atnccaggg | ncttggtta | atnggcnaaa | tnnggcnaac | aagnggttga | 600 |
| ctcactttta | aagggtgnaat | aagattttcc | ncatttnttn | aaaaggaacc | tggnggaaaa | 660 |
| agntaagggc | caaanctttt | aagncncttt | ncnggnaang | gtttggccaa | atccgggggt | 720 |
| ggngggnncc | aanaatgntt | ttcaggagga | tnngggnaaac | tttttttct | | 769 |

<210> 4452

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1366)

<223> n = A,T,C or G

<400> 4452

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| ananaanann | annnnnnnaa | ggnnnaanana | nnnnnnnnnn | naanangnaa | ananaanann | 60 |
| tnnanaannn | aagnngnttc | nanncttttc | aaagcttgga | aaacgcannc | aannnnnggg | 120 |
| aaagcaagaa | agaacagcta | aagnnngncn | cagaganagc | ttttangang | tntangaaga | 180 |
| aggaatanann | gnggncaata | nnnnannnnn | ngaaantatc | atganacnca | aatganggan | 240 |
| aaggcagcac | aagctgngca | aacagctatn | gngacggggg | ggccggggaga | gnctaaangn | 300 |
| cananatnca | atatataagg | actgcatgcn | aagggatacn | aaacaagnan | actnntctag | 360 |
| gaagaaataa | ntnttgacnt | ancnnacntt | cataacgaat | agcaccgtac | atcgagncaa | 420 |
| ccaactaana | ggnctaagga | aatggcaaan | nacnttaatn | nntgagcnaa | ggaagggngt | 480 |
| atngnccnan | anngaaatgc | ntcntaacca | anttttaatn | gtaacggnat | nangatnaan | 540 |
| nentnanccc | acgcaactca | aaaanattac | attanntaaa | aaaganctat | ancaaaacta | 600 |
| gtntttcaaaa | tngnacgagn | aaatgggnaa | nantttntnn | ccgggaaaaa | tggngagat | 660 |

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|------|
| ccanaaacac | tggntnaggg | naatanatgn | ccgcccnaaa | aaaccntnac | cataggnatn | 720 |
| ggctancata | gangagatat | ancnatnagg | ggatcaanan | cntaggnatt | ngaaaantaa | 780 |
| ncgagttaaa | acancnagat | nnggnantac | gaganatagc | ttggacgngt | atcaaactcg | 840 |
| accctnngat | gggcntangg | aaaaanaaaa | aggntngagn | gaanttcctc | anaggaanng | 900 |
| tganagagcn | aaanaanatn | aagggccttg | gngaaaangg | aaaaacagat | agngtcatnc | 960 |
| natatatncl | natgananan | tggggnaatn | taatctacnn | tanatnnggg | ggaaaaaaat | 1020 |
| cnnncatgac | nnnaaaaanga | gntaatgnna | nnatgagaga | ttaaaccnnat | aaaacnagag | 1080 |
| aantttgngn | aaanctgnga | gataaaaaat | aaataaattc | tntntggaac | atntanaccn | 1140 |
| tctatnnaaa | aaaaagaggg | gaaaccatct | ngattatgca | cananaaatn | tnacntngng | 1200 |
| gaaataaatn | gggnacaata | acatatatgn | ggatgtacan | tnntggncng | aaaaactata | 1260 |
| caacntgaga | nnnnacnang | atataaagcn | nnaggnagtn | tatangggca | tcatcaangg | 1320 |
| gaagntataa | agcaactgna | nnctcatata | naaaactgnn | cnncaa | | 1366 |

<210> 4453

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 4453

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| tgatcctcag | gcnnctggga | tgacacgtna | ancatagaag | ctggaggagg | nggncngcg | 60 |
| cttgntcata | atttaaaaaa | attaaaaana | cgcaacagcc | gcttttctta | atccatatcc | 120 |
| cttttaanac | acagaggcng | gtaatnagtg | naatagaaga | atgntnttgt | ntcttcctac | 180 |
| ggtgacngtt | nttattncac | nggnttcctt | agcaggactg | ttctactcaa | cctctgtgga | 240 |
| anaaaactnt | ccncagggct | gnctaacaca | nncagccttt | gctttttacan | cctgctcttg | 300 |
| cctattacca | taccactgta | tgtnttcttc | cacctntgga | cnnnggatgg | tattaaactc | 360 |
| ttnaggcatn | antgatgcaa | ctanagtcaa | tatgctgtnt | ntattaatga | gagctcttgg | 420 |
| gcattccatnt | cntgaaagct | caantggatn | gaattnagnt | ngcggganag | aggcttttnt | 480 |
| ttgctcatat | nacgctnatg | gactggggna | ggctnaaatt | gcaaatgctg | cttttaattg | 540 |
| cncctcttga | tcnaccatg | aaaaattgga | aggctcttga | cnaataactg | gtggngtcan | 600 |
| aaananaaca | tttttgacnc | nggtcatgnt | ntggagaatg | aacatcccta | aatcnaccat | 660 |
| gtggaagacc | natttcataa | atncattcnt | ntaanaaaaa | attggnaaat | ctttnttttg | 720 |
| ctttggtngg | aacaactttt | aangggcttt | tgnsgaaagt | caccatgggt | aangggatgg | 780 |
| acttignaatt | aaattncccn | aaggaattna | anggttgggg | aaataatncc | cctnttaaag | 840 |
| ggaaaaaaa | ng | | | | | 852 |

<210> 4454

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4454

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tggttttnnn | ngnggggggg | ttttctaatt | gcagtcaann | tngntgtect | anncccgntn | 60 |
| ccncngngcg | ccnaacttg | gaggtggccc | gcttccagac | catggaggag | aagaaagcat | 120 |
| tcattnttac | cactgaagaa | agaccgaatt | gcaaaggaag | aaggagctta | atgccaggaa | 180 |
| cagattttgc | agttggtggg | gtctcaataa | aagtttgttt | cagtggaaaa | taacttttat | 240 |
| tgagacaaaa | aaaaaaaaaa | aaaactcgag | cctctagaac | tatagtgagt | cgtattacgt | 300 |

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| agatccagac | atgataagat | acattgatga | gtttggacaa | acnacancn | gaatgcagng | 360 |
| aaaaaaatgc | tttatnngtg | aaatttgtga | tgctattgct | ttattngtaa | ccattataag | 420 |
| ctgnaatana | caagttanca | ncaacaatng | cattnathtt | atgtttcagg | ttcangggga | 480 |
| ggtgtggggag | gttttttttaa | ttcncggccg | cgggtgccaat | tgcattgggc | ccgggtcccca | 540 |
| cnttttgnnc | cccttttagtg | anggtcaatt | ncgcgcttg | ccttatcntg | ggtcataget | 600 |
| gtttcctgtg | tnanatnnaa | tgncnttnca | cttttcnnac | aattnaagtn | gcnnnagaaa | 660 |
| tccancactg | ncaanttggg | ggcanncaen | gcttgntaaa | tnnggtatht | ttcnaggagc | 720 |
| ttttaantan | ntnggntcaa | nggnacaagc | nannttagct | ccatnggctt | ngacctcent | 780 |
| tannaaccaa | aatgnttnn | | | | | 799 |

<210> 4455

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 4455

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| gnannngccn | cgnttttgat | tccccttntt | caaatecttt | gnnaategcc | ctcncgtgtt | 60 |
| tgatcccatc | cgattcgaat | tcggcacgag | atggcagttg | cttttgaagt | atatgatgnn | 120 |
| ttcctccact | acaaaaagg | gatctaccac | cacactgggc | taagagacc | tttcaacccc | 180 |
| tttgagctga | ctaactcatg | tggtctgctt | gtgggctatc | ngcactgact | cagcctctgg | 240 |
| gatggattac | tggattgtta | aaaacagctg | gggcaccggc | tgggggtgaga | atggctactt | 300 |
| ccggatccgc | agaggaactg | atgagtgtgc | aattgagagc | atagcagtgg | cagccacacc | 360 |
| aattcctaaa | ttgtagggtta | tgccttcag | tatttcataa | tgatctgcat | cagttgtaaa | 420 |
| ggggaatttg | tatattcaca | gactgtagac | tttcagcagc | aatctcagaa | gcttacaaat | 480 |
| agatttccat | gaagatattt | gtcttcagaa | ttaaaactgc | ccttaatttt | aataacctt | 540 |
| tcaatcggcc | actggccatt | tttttctaag | tattcaatta | agtgggaatt | ttctggaaga | 600 |
| tggtcagcta | tgaagtaaat | agagtnttgc | ttaatcattn | ggaattcaaa | catgctatat | 660 |
| tttttttaaa | aatcaatgtg | aaaacataga | cttattttta | aattgntacc | aattacaata | 720 |
| aaaataatgg | gcaattaatt | tttnaaaact | ttttaaaata | gnatgctcat | atttttaaaa | 780 |
| ataaaanttt | tnc | | | | | 793 |

<210> 4456

<211> 1095

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1095)

<223> n = A,T,C or G

<400> 4456

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgnnnathtt | ncegcccctc | ctgggaaaat | cnccttgncn | ngtgaaaaaa | cncntgggtg | 60 |
| aaaaaccctt | tttggcaaat | tttcgttgna | aaaannntnc | ccccgannnn | gnntttnnnn | 120 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnttttt | tttcnnncc | centtttttt | 180 |
| tttcngnnnn | nnnnnnnttn | nnnnnnnnnn | nnngnggggn | nnnnnnnnnn | nnnggggggn | 240 |
| annnnnnnt | nnngnnngnn | nnnnnnnnnn | nnnnnnnann | cnnnnnnnnn | nnnnnnnnnn | 300 |
| nnnnnnann | nnnannnnnn | nnnnnnnnnn | nnnnaannnn | nnnnnnnnnn | nnnnnnnnnn | 360 |
| nnannnnngg | ggggcggggn | gnncgnnnna | cgacngnana | nnagnnacna | cngaananan | 420 |
| nagnannann | nnnnnanaaa | annnnnanag | nnaanacgna | gnaanaanaa | gnnnnaanaa | 480 |
| ngannacgnn | nnacanann | cnnanaaann | nacaaacnan | acaanatana | nanncncnag | 540 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|------|
| annaananac | ncnagaanaa | aannaagaan | nnaagcnngn | nncgnaanan | ccctaacnca | 600 |
| nanngaaagn | acngananan | nnccgagann | aanagnnaag | aaagnaacan | agnngnnaga | 660 |
| ngagaaagac | nannagaacn | anaanganan | angcannnng | cncncnctna | naaananana | 720 |
| nnatananga | tnnaancgnn | ganagnaann | acnagnncga | cgcgnnngan | anngaacgga | 780 |
| nntcgnnnan | gggnnnaanc | acnncncnaa | caagnanang | cgagagtcaa | nanncanann | 840 |
| nanancngaa | nannannnag | nngnaanana | nanacanacn | anaanangnn | nanagacaga | 900 |
| ngcanganann | ngcgcnanna | gnagnagagn | nnatnangnn | tananaagnc | ananacgaca | 960 |
| nnanaacgtn | acgccgnncn | ananangaga | nnnnganaaa | acgngagaga | gnagaanagn | 1020 |
| acanaganan | agcnacgnnn | gacagcanaa | acganncnan | aagcggnaaa | tanngangen | 1080 |
| agnngnnnga | cagcc | | | | | 1095 |

<210> 4457

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 4457

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tttnttcctt | cctctaattc | ttttancgcc | tttctgcagg | atcccatcga | ttcgaattcg | 60 |
| gcacgagggg | tcctccaaga | gtttggggcg | cggacnnnag | taccttgctg | gcagttatgt | 120 |
| cggcgtntgt | agtgtntgtc | atttcgcggt | tettacaaca | gtacttgagc | tccactccgc | 180 |
| agcgtctgaa | gttgctggac | gcgtacctgc | tgtatatact | gctgaccggg | gcgctgcagc | 240 |
| acggttactg | tctcctcgtg | gggaccttcc | ccttcaactn | ttttctctng | ggcttnatct | 300 |
| cttgtgtggn | tgagtttnat | cctagcgggt | tgcttgataa | tacngatcaa | cccacngaac | 360 |
| aaagcngatt | tccaaggcnt | ctgcccagag | cnagcctttg | ntgannttct | ctttgccagc | 420 |
| accatcctgc | accttgttgt | natnancnta | ggtgncgtgaa | tcattctcan | ttncntaatt | 480 |
| gangagtang | anactaaaag | aatgttgact | ctttgaatct | gctggataag | agactngaga | 540 |
| tggcagctta | ttggacacat | ggattttctt | cngatntgca | cttactgcta | gctntgctan | 600 |
| ctatgcagga | gaaaagccca | tagttactgc | gtgtnacaac | aactntctaa | cnaacattca | 660 |
| ttaatccann | ngannccctt | caangaatgg | taancctatg | ccnttcaana | tactgaactt | 720 |
| nntgccactt | ntggcaaaaa | aaat | | | | 744 |

<210> 4458

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4458

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tatcacatat | acacatatgt | gtcccatata | cacatatata | catatgtgta | cccatatata | 60 |
| catatacaca | tatgtgtacc | catatacaca | tatacacata | tgtgtaccca | tatacacata | 120 |
| tacacatgtg | tacccatata | cacatatata | catgtgtacc | catatacaca | tatacacatg | 180 |
| tgtacccata | tacacatata | cacatgtgta | cccatatata | catatacgca | tatgtgtacc | 240 |
| catatacgca | tatgtgtacc | catatacgca | tatgtgtacc | catatacgca | tatgtgtacc | 300 |
| catatacgca | tatgtgtacc | catatacaca | tatacgcata | tgtgtaccca | tatacacata | 360 |
| tacgcatatg | tgtacccata | tacatatata | tacctgtgtc | ctatatatac | acacacacac | 420 |
| atatatatat | ctatatacct | acatatatat | acacacatat | atatatacct | ggatcatttt | 480 |
| ttaaaatgct | caacagtaca | cacatgtaac | agcatttcag | tcaatggntg | gactgcatat | 540 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttgatggtgg | cccataatat | tataacggac | agaaaaattn | caatcaccta | gtgaagcata | 600 |
| gcacaatgca | ttaattactc | ttgggggttg | ggggcatggc | tggtgtaaac | aaacctacca | 660 |
| tgctgncagt | nccataaaca | tatagcatat | atagggtata | tattatactt | naataataac | 720 |
| tatggtgntg | gggtaagnat | ttaatgnatt | taccatggnt | ttaaaganaa | ctcctcctac | 780 |
| ttttttccaa | aagtactnta | aaacanncn | | | | 809 |

<210> 4459

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4459

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| agggccagtt | tgatcattcc | aaagatggtt | ggttaggccc | cggccctatg | ccagctgtca | 60 |
| caaagcggca | aatggacact | caagaaccaa | gatgatatca | acctccatca | agacagctcg | 120 |
| gaaaagtaaa | agggcatcag | ggctgaggat | aaatgattat | gataaccagt | gtgatgttgt | 180 |
| ttatatcagt | caaccagtat | taaaggcctg | cctgatatac | aaccctcgaa | tgcaacacag | 240 |
| tgctccttctg | aggccactct | aaaggccagg | aaaggtttgc | taagaagtct | gtgctgttaa | 300 |
| aaacagaaga | aaaagacctt | tatcccattg | ctctgtgtct | ggtggctata | gggatagtat | 360 |
| ttcataaaaa | aagaaaggca | aaaataatth | tcaaaaatga | ttcaagaaat | gctgtcaaag | 420 |
| atagcaaaaag | aacagagtc | tcagagaaca | gtgcccaggga | caggataagc | actcaataac | 480 |
| atataacact | gggtaaatgt | tggttgagtgc | tggttggttg | ttgagtgtca | nctattgggtg | 540 |
| gagtgttgt | tggttgagtgc | taactgctta | ntgctanctg | gtgnttgagt | gcttgggttg | 600 |
| ttgaagtgcc | tnncttgttt | gggttgagtgc | ttgttggttg | aaatgcctac | ctgggttggtt | 660 |
| ganntgattg | ttggttgant | ngctaaccnn | ttgtttnatg | cntnctngtt | gttgaatngc | 720 |
| tttgtngttn | aaagctaacn | tgtttnttgn | atgctttgtc | ctggcctggg | gcccttnttt | 780 |
| ttaccctttt | gatgtncat | ttnttccatt | taactttccc | caattncctt | ntttgggnnc | 840 |

<210> 4460

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (980)

<223> n = A,T,C or G

<400> 4460

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|-----|
| ttcctaattnc | tnggctctcg | ttctttttgc | aggatccctc | gattcgaatt | cggcacgagg | 60 |
| aagccnaatt | gaattgtggg | aacaggaaca | ttcaaaggca | tttatggtga | atgggcagaa | 120 |
| attcatggag | tatgtggcag | aacaatggga | gatgcacga | ttggagaaag | agagagccaa | 180 |
| gcaggaaaga | caactgaaga | acagccaggc | tggtcttgaa | ttcctgacct | caggtgatcc | 240 |
| acctgcttcg | gccttccaaa | gtgctangat | tacagggtgtg | agccaccacg | cctggctaatt | 300 |
| tttgnattht | tagtntaaat | gggggttntt | ncaaagcttg | gnctttgaan | ttncccaanc | 360 |
| ttcangnggg | aatncccncc | ncccttttgg | gcttccccc | aaatggcttg | nggantttcc | 420 |
| annggccttt | taagcccaac | cnttngcccc | cnggnccctg | aatngntttt | ttttgaaatg | 480 |
| gaattttttt | taaaaaaatg | gggggttttt | cnaggccatt | tttaaaaaaa | cccntttana | 540 |
| acttggaatt | ttttaaaatt | attattttta | aatttccttt | ttttaaaaac | ctccaaattn | 600 |
| ttaaattgggt | taaaatattt | taccttggtg | anccaccttt | aacttaagcc | tttttctntg | 660 |
| aaanggtttg | ggtccntttg | gagaatnaag | aatttggaag | aaatggacca | ggtttngttt | 720 |
| ggattttttt | tgaagggttaa | attttacccc | caaaatttaa | aattattatg | gtattgtggt | 780 |

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|-----|
| accnttttgaa | aaaaaaaaaca | tnttntannn | cttntntnct | ctaannccetn | cttntntntat | 840 |
| aaaaaaacct | ncnnngggcc | cttttaaaaa | ccttttttgn | ggggnggtcc | ctttttttac | 900 |
| cngntanaat | nncccaacc | ttngatttan | ggnnannccet | tttgnttgaa | atttttgnnc | 960 |
| aaaaccccc | aatcttttgn | | | | | 980 |

<210> 4461

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4461

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| tggnnnnnnn | nagngtnggc | ttttcttatt | ntggctgtaa | cognntgnag | cncgcacnca | 60 |
| aannggctgg | gncgaattcg | gcacgagggg | tggaacagca | gcactataca | tgaaatataa | 120 |
| accaaanaacc | tttactgttt | ctaaatttcc | tagattgcta | ttatttggtt | gtaagttgag | 180 |
| tattccacag | aaagtggtaa | ttatctcttc | tctcttcttc | cattagaaaa | ttaggtaaat | 240 |
| aatggattcc | tataatggga | gcacaccac | ttattaaaac | acacatagaa | tgatgaatta | 300 |
| aaaaagtttt | ctaggattgt | cttttattct | gccacattta | ttgataaaca | gtgaagggaat | 360 |
| ttttaaaaaa | tttttaagaa | ttgtttgtca | cgtcattttt | agaaatgttc | tacctgtata | 420 |
| tggtaatgtc | cagtttttaa | aatattggac | atcttcaatc | ttaaacattt | ctatttagct | 480 |
| gattggttct | cacatatact | tctaaaagaa | acttttatgt | tataagagtt | actttttgga | 540 |
| taagatttat | taatctcagt | tacctactat | tctgacattt | taggaaggag | gtaattgttt | 600 |
| ttaatgatgg | ataaacttgt | gctgggtgtt | tggatcttta | tgatgctgag | ccatgttctg | 660 |
| cactgggtgct | aatgtctaat | ataattntat | atttacacac | ataccgtgct | accagagat | 720 |
| taatttantic | catangaacc | attgacccat | tggttcattga | c | | 761 |

<210> 4462

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4462

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gnnnnnnnnn | nagngtttga | antcctcctt | ngaaatcctt | tggnactcg | ctctttntgc | 60 |
| aggatcccat | cgattcgaat | tcggcacgag | gggcaatgca | gttataatac | tgtgttaatt | 120 |
| tcagacatct | tctggtcctc | cgagccttgt | atttacatac | tagctgaaac | tgcaagtggga | 180 |
| aatgaatgga | gctgatgata | tttgctttat | cctaattttt | ctgtgaggag | gagaaaaaca | 240 |
| cttggtcttc | aaataagcag | atgtgaaaac | acttctcact | aatcaaaatg | tttaccacta | 300 |
| ggttatgaga | gtctgcctct | cataggcagt | gaatctgata | tgtatactta | gtaatataag | 360 |
| tctatttagt | ttgacaaaac | cttagagcag | aatttttgca | gcttagttca | ggatgatcac | 420 |
| tagcaatgcc | aaacttcatt | ttttattgaa | cttggatcca | agaaggcctg | ctgtgtctat | 480 |
| ttcagtatag | actctcatac | caatatattt | atgctccaag | tcactacacc | cagaagtgat | 540 |
| gcagtggggg | aaatgcaaag | acaacatcac | tgtaagattc | acagaatgga | tcttttgtaa | 600 |
| aatattttat | attgacttaa | ggaaaacctt | tcattgggaa | ttaattaaat | taagtctcta | 660 |
| atatactgga | agacagtaaa | aantnaagcn | ggtgntctca | antttgaacc | cggcnattng | 720 |
| naatttcatt | ataggaattt | ctgaaaataa | tcc | | | 753 |

<210> 4463

<211> 913
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (913)
<223> n = A,T,C or G

<400> 4463
gcgtcccntt tcaacnttgc taatcgctgg ctatcgttct ttctgcagga cccatcgatt 60
cgaattcggc acgaggccat gggccgcgcg cccgcccgtt gttaccggta ttgtaagaac 120
aagccgtacc caaagtctcg cttctgcccga ggtgtccctg atgccaagat tcgcattttt 180
gacctggggc ggaaaaaggc aaaagtggat gagtttccgc ttgtggcca catggtgtca 240
gatgaatatg agcagctgtc ctctgaagcc ctggaggctg cccgaatttg tgccaataag 300
tacatggtaa aaagtgtgg caaagatggc ttccatatcc ggggtgcggct ccacccttc 360
cacgtcatcc gcatacaaa gatgttgtcc tgtgctgggg ctgacaggct ccaaacaggc 420
atgcgagggtg cctttggaaa gccccagggc actgtggcca gggttcacat tggccaagtt 480
atcatgtcca tccgcaccaa gctgnataac aaggancatg ttattgatgc cctgnnncag 540
ggccnanacc nagtttntctg gccttnntan cntanngatn ttngaganaa gtntcatttt 600
aacttttctn tgctatatn ncaanggttt tanntttngt ngantgaaaa agcgggcttc 660
atcccaagat ggnetgtggg ggtcanagtt ncattcccna gtngtnnncc cttntggana 720
anttggctgg ccccttgac tcattgacgg ccttcncaat tgggtgctna ncccccttt 780
taatttcttt aatcnaatnn actttattac ctttncctgg ctctaanttt aatnntctca 840
tctncatctn taatntctna cactaccnan ntttntntca ntattccent cnaacctnat 900
caaacttttt ncg 913

<210> 4464
<211> 1274
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (1274)
<223> n = A,T,C or G

<400> 4464
tttttngggg ggggttttttn nnnnnnnnnn gggggntttt nnggggggcn gnttttttnc 60
ttaaaanagn ngactggnnn ngctgaaaaa ctcgggcctt gggggannnn gncccccnc 120
gaaaaacanc agggaaaaaa angggggggg ctgggggggg gggnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnggnnnnnn nnggnnnngn nnannggnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnngg nnnnnnnnnn nnnnnnnnnn nnnnnnangn ggnnnnnng 300
nnnnnnngnn nnnnnnnnnn gnnnnnnng nnnnnnnnnn nnnnnnnnn cnnnnnnnnn 360
gnnngnnnnn nnnnnnnnnn nnnnnnnnnn nnnngnnnnn nnnnnnnnn cnnnnnnnnn 420
nnnnnnnnnn canaagggnn nnnanncnnn nnnnnngnnn nnnnnngnc nnnnnnann 480
ngnnnnnann nnnngnaaga angnnncnna cgagnnnnnn gannnacgan nnnngnaa 540
cnnnnncnag ngccgnatna gancacgaat ngngagagag ancngannan gnnngnnnnn 600
ggnaangnn ncnnaaanga annngnacca gnnnggannn cnnnanngga ngncnnnagn 660
nnnnngnggg nnncnnaaac ncnnggggnn nannanngna nannnggnc tnnngggnnn 720
nnnnnnnnnn nnnnnnaann nnnnnnnnnn nnnnnnnnnn cnnnggnnnn gggnnanann 780
nnnnnnnnnn nnnnnnnann nnnnnnnnnn nnnnnnnnnn nncannnnnn gnnnnnnnn 840
nnnnnnnnag gnnnnnnnnn nnnnnnnann ngnnnnnnna nnnnnnnnnn nnannggnn 900
gnaananann nnnnnnnnnn nnnnnnnana nggggggnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnngnnnnn nnnnnnnnnn ntncnnnnna nccnnngnn 1020
ngnnacaann ncnctngnn ggnetngna ngnnncncaa nannntnnn gnnnnnnnnn 1080

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|------|
| tnngnngncaa | ananggggnan | annnantnnn | nnatgggngg | gggacnnaan | tnnccnccct | 1140 |
| nattcaanna | ntggnggaaa | aaactggngg | nnnaanantn | aaaccccaga | nnggcnaaaa | 1200 |
| ntcattccctt | acaaaaaggg | ttangacctg | gnaancctng | tgggcnaana | aggtncctnaa | 1260 |
| acattcntttt | nanc | | | | | 1274 |

<210> 4465

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1039)

<223> n = A,T,C or G

<400> 4465

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| atggnnnnnn | nnnnnnntttt | ttttggaaaa | aaannncccc | ccctttttttt | ncctnaaaaaa | 60 |
| attggggccnt | tttggggcaa | aaanttttngg | ccctncttcn | tnctttgggn | tnntgnnnat | 120 |
| ncceccnatt | cgggnattttt | nccggaaaat | ttccggggcc | naccgggnagg | gggnattagg | 180 |
| cccttttnana | nagncceaaa | nggtntntta | cccaaagggn | tataattttt | aaagnnatgg | 240 |
| gggnaccagg | gtgtntngcc | ccaatttagg | aaagggaat | ttntctnaa | atnaagttgg | 300 |
| gggtntannt | ggccangtgg | ttacctnggg | gcattnggna | aatatnttct | tgggaacttg | 360 |
| aggtntaaac | tggaanggga | gnagccctna | aacctatagt | aacttcannt | ccccacaagt | 420 |
| atactagaat | tngtgcctcc | tcgatttata | ttgcaagngt | ntcaaangtg | tactggnnac | 480 |
| acaaatagaa | acactgccaa | cttggtgtaa | cttaagctnn | catttaacta | aaacattntt | 540 |
| ttcttgcaaa | acttattttat | tcatgatcaa | ttttntgggt | atntattata | ctttgattcc | 600 |
| taaattagtn | cctccttgaa | tctatgaaac | tggtgcagtc | attatgccc | naaatnntct | 660 |
| naaaatatat | taatgggtca | ccttnctgnt | caaaggggtg | gtgcaanggn | cttgccagcat | 720 |
| tnntacatnt | tgtgctttgn | tangaaaatg | taaactctna | ggctccacaa | nttnactttg | 780 |
| ctgcattttt | taacaaanaa | tccccaangg | gatatgtaat | gtcataana | aatttgggac | 840 |
| anctgggttc | nantggaaaa | angggntctn | aagggnatgg | cataaacttg | gtggtnccgg | 900 |
| tnangntttt | naaggccttt | tccaacttta | nannttttc | tgattttgga | antnttccan | 960 |
| tnngntntaa | naacctnnnt | tatatatcna | anattagggg | cccttnaaaa | aaanncttat | 1020 |
| ttngctagn | aaacctntc | | | | | 1039 |

<210> 4466

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(931)

<223> n = A,T,C or G

<400> 4466

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| ggaagcgggg | gggtacgttt | tncaaaaggn | ntttcaatng | cnggtgaacg | cccctaaana | 60 |
| nnnanccatc | ganacnaatt | cggcacnaag | ggcttccggn | taaaccantc | angggatatc | 120 |
| cnatgnntaa | gncatcctng | gncngnntat | aacnggnccc | attcanctgt | nanatananc | 180 |
| ttcnanantt | ntcnacanng | gnnnanattt | tnntctgca | atnnnanagn | naacctntt | 240 |
| nnnnnnnnnt | aangaggcag | nnagctacct | ttgaangaac | tacttgnaaa | cntntnttg | 300 |
| naattcaang | nnaancntc | ttntntcna | ntntnttant | gttgcnnnnn | nctcaantcg | 360 |
| tatnnncatg | ngggctccca | tcacntnttt | acttataant | antngnttan | aaannntngn | 420 |
| cctantatag | ggnnatncnt | nttnnnnnann | nnnttccntn | caaattcccaa | tctngnaang | 480 |
| aattnnccnt | ttctgnaatn | caattattna | angannaatn | gntnnnctan | tncattnamn | 540 |
| nnctantant | ttcncnnn | nnctttgnaa | ttcncnttat | accantaaa | tngtactnt | 600 |

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| taatnaggat | tnanagtacc | cannttgcnt | ttnttncaca | antntaanch | ntgcattatn | 660 |
| taaaatcann | naagncgana | aattntnttc | naaccccnng | cnncaaanta | ccnattttcta | 720 |
| atanngacnt | annngnnnnn | annncctaa | nannatatac | nanatntntt | nccnnacant | 780 |
| ccnagagtag | aantccccctt | nttcacacnn | ntctctanta | cncntnaatt | ttcnntacan | 840 |
| atataaanta | ntttntctna | ttaangnnnn | ntnnaaantt | ctancnaann | tanattanch | 900 |
| ancctctnan | ataatcnttt | ttnnngnatn | c | | | 931 |

<210> 4467

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4467

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| cnaatncttg | gctactcgct | ctnttgcagg | atccnttttg | acgentttgn | acgnccgtat | 60 |
| ncttcaacca | atgtctagt | cacntatcct | ntntaacnca | naattctcaa | acccagnttt | 120 |
| acaacattgg | gtaggatnct | ataaagngct | aatcntatc | tggatnatga | cgaattttgc | 180 |
| atgctaantc | tttgnancnn | gtcncccccg | aagntgcntt | acatgtacag | attcgtgtaa | 240 |
| ccacgtgtaa | ccacataaaa | ctnatgaaca | caaagtcctt | catgctacct | tctatgctta | 300 |
| cactcnancc | aaacctaach | ctgccaacch | ctnntctccn | atcaggatca | ttncntcann | 360 |
| tcatgaatnn | ganagaantn | aaattgtntt | tgcacatggt | atntataaat | tttatatnga | 420 |
| taagccatnt | gaatgcttat | ngatagagag | tctgtgagct | cntggcattt | ctggcactna | 480 |
| gcanattach | cctaaggntt | atatgagtag | annaanagnt | gtattancat | nannttntac | 540 |
| caccatgnat | cngacccgat | gaaannnggt | nataatntgag | agtngtgtac | aggatttnat | 600 |
| gtgnaaatc | gnatnnatc | ancgatgaga | nataatgcac | tgtnttcccn | ggtcntaacn | 660 |
| gccctgggat | naaanatgcc | ttgggaaaaa | tgttatcaaa | nnaacntnna | ncagcccnan | 720 |
| gggnaaaaac | cnnangaant | tcagaggcnt | cntngnacca | antntggagg | nnnaaaanac | 780 |
| cngggncncc | tgganantaa | ttcc | | | | 804 |

<210> 4468

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 4468

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tantacntan | ctnanccntn | tggcntnagt | ccgtccncta | tcgcntgtng | cttaaattac | 60 |
| tgncgcgtta | aacgtcggac | tggaaacctg | cgtaccaact | aatcgccctn | agcaaaatcc | 120 |
| ccttttggca | gctggcggta | aaancaaaaa | ggcccgaaac | gatcggcctt | tccaaacagt | 180 |
| tggcgcaacc | ctgaatgggc | gnaatnggaa | ccccccctgg | taagcnggcg | ccaattaaac | 240 |
| ccggcgccgg | gtggtgggtg | ggttaacccc | gccaacgggt | ggaanccggt | ttacaacntt | 300 |
| gggccaagcg | gcccccttaa | accggcccc | ggctttccct | ttttcggent | ttttcntttt | 360 |
| cccccttttc | centttttct | ttcgccccca | accggttttc | ggcccccggg | gcnttttttt | 420 |
| cccccccggg | tccnaaaggc | ccttcnttna | aaaaattccg | gggggggggc | cctttccccc | 480 |
| nttttttaaa | ggggggggtt | nccccgaaa | tttttnaaaa | ttgggccttt | ttttnaaccg | 540 |
| gggggnaanc | cccttttggg | aaanccccc | caaaaaaaa | aaaaaacttt | ttgggaaatt | 600 |
| taaagggggg | gtnggaaatn | gggggttttc | caaacgggtt | naaantnggg | ggggncccc | 660 |
| atctcgggcc | cccccttggg | aataaagnaa | accgggggtt | tttttttttc | ggccccccn | 720 |

```

tttttgggaa .ccggttttng gggaagggttc cccaaccggg ttttcctttt ttaaaaataa 780
aggnggggga acttcctttt gggtttnccc naaaaacctn ggggaaaacn aaaacaacct 840
tttaaaaacc cccttaattn tttcnggggn cctnaatttn cnttttttgg gaatttttnaa 900
tnaaangggg gaattttttt ggccccgaan ttttcggggn cccttaattn ggggnttaaa 960
aaaaaaaaatg gaaagcctgg aanttttnaa accaaaaaaa aattttttaa ccgccgnaaa 1020
ntttttnaac cnaaaaaata nttttaaacg gcctttnaac naaaattttt cccttgggaag 1080
ggccnggggg gnaaaaaaaa aatttttttt tttttt 1116

```

<210> 4469

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 4469

```

aatncnagct ctgntctttt ttgcggtatcc catcgattcg ctagttcgag tttttttttt 60
tttttttttt catgaaaata tagtcatcaa atttattttc attgggatgc catttttttga 120
agaattccta agactaatgt ttcttgacat gcaagagtta gcattaatag cttacgttac 180
tataaatact gctgcttgga agcagtacaa ctgttttaga gttttaagac tacagacttt 240
cattactcaa atcttattca gtaaagttaa aaatcagaag gttctgaaca gctgggttagg 300
aaggtagcca agatgcagga aagatgtctg cgctccttt tcaagggcag ccaactnttg 360
aacagtaggt gcccaaaaata tccacatggc ctttatagct ttcaccacca gcagcccttt 420
tntgaccgta ggtaactttc ccatcaaatt catccactgg tacctttata tccggntnaa 480
cctgagaaat ggtncagttc agnggttctt ctatctcaga tagtaactgc atctcgttgt 540
accatatggc caagcctcat ctctcttgag tcttggggta taacaccctt ttccacggnt 600
gctacataca tggnacnaa ccataaggaa caccnggat atcaattcct ntagcagntc 660
atctgngcaa atcaagaatc tttacatctc cttcttaaan cttttccaag tttgcctttc 720
tctcatgggc cattggaaat ttctcaaaat aatgaccagg ttttct 766

```

<210> 4470

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (926)

<223> n = A,T,C or G

<400> 4470

```

annnnnnnnn annnnngnn ggngnnnnna nnnnnnnnng aannnnnnnn nnnnnnnann 60
annnangggg gnnnaacnnn nnnnnnnnnn nnnnagnttg aattcctaaa gccaaaccnc 120
nnntttggca ggaagcannc agncnggggn tccgcaacgc nggnaagngg acagnnngga 180
aaanaaatnt ttngcagaca aggatgtcaa gggnggnggc gggngnataa cacncggcaa 240
gtgggacagc nttgaacaan aacnagnagn cgcncggaac ngcctaaccg gagecnnang 300
ctcgaanaag gaaataagga agccacangg nangcagacc tactganac atgaaccag 360
cgcanaggtg gcggancngc ncnaaangac nagagaggca nagngaaaaa annnatnaat 420
gccngncnng agaataana acagcgctac aacaggcatg nggatatggg aaacaacnan 480
tggggacnag anacnnaggg aangnacggg annaaaaaag ggggggantt naannncnccg 540
angggggng cgagnacnca ntggaaagaa aggggaagaca ntncacggaa ancnganctg 600
acaaangatg aatangnggc cacagggagg aaggggaactg gcctgagagg gaanaaancg 660
gnacnnaang aanggaaccc agggccaagg gcaccaanaa gaaaaaanc cngaaaaaa 720

```

```

aganggggna ntatgngcct ggggggggna aaagcccacc aanttaaagg canaaaaggg 780
gggggnaaaa acnctgggnt nncaanacan aagggggggc ccncccgggg gggggncccc 840
ncgaaaaanaa aaacnggggg ggggnttnan gngggnggga nncncaccn ncccnngaaa 900
aaggggggca aaaaaaaac ccccn 926

```

<210> 4471

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 4471

```

acaccttggg tgcnngcacc gcatnanaac ccantcccac cacannncan gagcnngtng 60
nncnctnttg gagngggcnn agngatgncc cgaatccgtg ggctactagg gagccctcac 120
ttgggctacn ggggtggaggc ccatgatatt gnggcctcaa agatgttatg attcacctcc 180
atcaannccc ngaantgaat aattcttcct atcanttaat nanggtgatt acccagnaga 240
atgccattnc ggtntgcntt ggtatttnac aaaaagaanc tgggggaacc acttgggtgt 300
gacattttat gggttnaaaa taatgatctg gnaaattgcc ccggatccnc catgggggaa 360
tgatagatcg acaaggtcta cttcatgggtg ggagatatga ttaaangaag ncnatggcca 420
ttgnggttng gaaataatcc ananggantt ncanccaatt actgnaaaaa aanttnnttg 480
gaagnggnca cccctaaaaa tctntcccag ttnttagagn ataccntta cttccttaaa 540
naagggattt gttgaaanng ncanttttnc aaatntaatn ccaaacanag gncnaccctt 600
aatnaccntn gccaaagnag cnngttttgn ngatttttcc caaaaggagg naanattcct 660
ttcngnntt tggcgaaact gtagnanaat tcccnnttt gnggtggggc gnnnttagcc 720
cnnttctaaa aaaanggang ngaaccccc tgtgntttcn tattccagag ccgctnntc 780
ctcngtaaan aananaaata aangnccant tnttttatnn anagaaattg ggncccaatc 840
ttanggacnc tttttgtggg aancttatna ttcccnaca tacacaaaaa aaacancctc 900
nccgnccct ttnnaactt tncg 924

```

<210> 4472

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(902)

<223> n = A,T,C or G

<400> 4472

```

ttcagaagaa cgcacagatg aaatgacaca taaagaaaca aatgagcang aagaaagatt 60
gctcgccag cttcttcaact aaatcatccc gcagcagcag ggactcggtc tagcaaggcc 120
atcttgttgc cggacctttc tgaaccaaac aatgagcctt tattttctcc agcgtcagaa 180
gttccaagga aagcaaaagc ttaaaaaata gaggttctg cncagctgaa agaattagtt 240
tcggatttat cttctcagtt tgtcatctca cctcctgctt taaggagcag acaaaaaaac 300
acatncaata agaacaagct tgaagatgaa ctgaaagatg atgcacaatc agtagaaact 360
ctgggaaagc caaaagcgaa acgaatcagg acgtcaaaaa caaaacaagc aagcnaaaac 420
acagaaaaag aaagtgcctg gtcacctnct cccatagaaa ttcggctgat tcccccttg 480
gctagccag cttgacggag tcaaagagca aaccagaaa aactacngaa gtgacaggga 540
acaggtcttt ggganggacc agaaagaaac tgtntttctt ttnccaaagc anaattttac 600
gccanaaaa aatgcttggt antttttttg gggaagattt ttaatgtacc ccctntttg 660
gtaaagggtca ntcaaaaaat aggtggnggg gattanttna aaataatntt aanttttggg 720

```

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| naagnaaaaa | ataanttttn | tttttnaaan | ttntttgggt | aaaaattttt | ttntgggttaa | 780 |
| aacaagaaag | gggcttttca | anttaagggt | aaaggtnaac | cttcccntnt | tggngngngg | 840 |
| aattgggttt | caaattcccn | cgggccaaaa | nnnttccta | ntttttaata | ttttaaanac | 900 |
| tt | | | | | | 902 |

<210> 4473

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4473

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gnnnnntttc | naatnccttt | cctaatacna | gctctcggtc | tttttgagg | atcccatcga | 60 |
| ttcgaattcg | gcacgaggac | ttctgaagaa | catgaagcaa | gcagaagggg | gaaagcggag | 120 |
| ctgctgggtc | agatggatgg | tggtggaggt | acttctgaaa | atgatgacct | ttccaaaatg | 180 |
| ggtatgggtc | tggcagctct | aattttccct | gggatataga | tgaggcttta | agacgacgcc | 240 |
| ttgagaaacg | aatctatat | cctttgccgt | cagcaaaagg | cagggaggag | ctattaccaa | 300 |
| taagtctacg | tgagttggaa | ttggctgatg | atgttgacct | tgcaagtttn | tcagaaaaca | 360 |
| tggaagggtg | ttcaaggnc | ggcatttcca | acgtgtgcag | ggatgccttc | cttgatggca | 420 |
| atganaaagc | ncnttgaang | ttttgactnc | caggaaatcc | naaatctttt | cnaagaagaa | 480 |
| atgcncatgc | ctacaactat | ggaggatttc | nagatggcct | tnaaaaaggg | ttctaagtca | 540 |
| gtgtctgctt | gcagacattt | gaaaagatnc | cagaaatgga | tatttgagtt | tggatcatgc | 600 |
| taaattctcc | atgtnaactg | tgagaaatgt | gcccttaagt | ggtttgaata | ttaaatgccc | 660 |
| gtaattcatt | ggactggagt | gcttatattt | ttttttaact | ttcattaatg | gtaagaattt | 720 |
| tttttaaaaa | aaanccctta | tgaattcttg | naataaaagg | ccaatatttt | ttnaagcctg | 780 |
| gaaaaaaaaa | aagccctntt | agaaactntt | tgtgga | | | 816 |

<210> 4474

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(878)

<223> n = A,T,C or G

<400> 4474

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttcctaattc | ttggttctcg | natctctgca | ggatcccttc | gattcgaatt | cggcacgagg | 60 |
| ggggaaaatg | acagaggaaa | aagagaaant | ggancagana | aaaatagtg | aagaaatnat | 120 |
| agctaaaaaa | ttcagaattc | agtgaangt | agaaatttac | agatatcnga | tcatatgctc | 180 |
| aagaaacacc | aatgngaata | aatatttann | antcccacgc | tggttcttgc | aaactttttg | 240 |
| aaaaccaann | ttgaanagca | aatnttgnaa | gcacatgata | aaagccatnc | cnnnaatnat | 300 |
| ccagttaatt | ggcttgactt | cttactggaa | accctttnnn | accanaaacg | gncttggaat | 360 |
| aaacnttttc | aagggttctt | ntaaagaana | attcgnaaaa | ntnttaaccc | ccaatttttt | 420 |
| ttttttttta | nntgaaagac | ncncttntg | tncccagggt | tggnagtttc | ccnttccgnt | 480 |
| gcccnngcct | tangnnaact | tttttgagg | ggganactcn | tntgactttt | nnncennngg | 540 |
| ntnnnccttt | nnttnectng | cccnntttcn | tnnttttgac | nttttntgn | gcnnntncang | 600 |
| gcnttnaann | ccnntgacct | ccttcnaant | ncatngngng | gaaacngggg | ntaannggca | 660 |
| tangctcttt | tatttaagaa | agcaccenn | naatccccct | aaacttttct | tnaattnacc | 720 |
| cttttnggga | cccctctagg | ncngettnnn | tgntttaccn | ngntccncca | aanttncnaa | 780 |
| cttggnaaac | nntnttgnaa | ntcngggggg | aatataggna | cctttggaat | ttttaaannc | 840 |

ancctnanttt ggcnngccct ttgggccttt anaaanct

878

<210> 4475
 <211> 714
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4475
 gngnntntat agcangctct tggtcttttt gcaggatccc tcgattcgaa ttccggcacga 60
 ggtcaaggct cagtcgccag catttcccaa cacaaagatt ctgaccttaa atgcaaccat 120
 ttgaaacccc tgtaggcctc aggtgaaact ccagatgcca caatggagct ctgctcccct 180
 aaagcctcaa aacaaaggcc taattctatg cctgtcttaa ttttctttca ctttaagttag 240
 ttccactgag accccaggct gttagggtt attggtgtaa ggtctttcat attttaaaca 300
 gaggatatcg gcatttgttt ctttctctga ggacaagaga aaaaagccag gttccacaga 360
 ggacacagag aaggtttggg tgcctcctg gggttctttt tgccaacttt cccacagtta 420
 aaggtgaaca ttggttcttt catttgcttt ggaagtttta atctctaaca gtggacaaag 480
 ttaccagtgc cttaaactct gttacacttt ttggaagtga aaactttgta gtatgatagg 540
 ttattttgat gtaaagatgt tctggatacc attatatgtt cccctgttt caaangctca 600
 gattgtaata tgtaaattgg atgtcattcg ctactatgat ttaatttgaa atatggnctt 660
 ttggttatga aaacttttgc agcacacttg aaaagctgnc tgtggatcat tgng 714

<210> 4476
 <211> 786
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4476
 ggttcancga atgcctgtgg aancegcct tctctncagn agcccntcga tncgtnttga 60
 actatcaact agatcnggga agatagaaca ggcntttttt ncatngcctc gttnacaaag 120
 ngtcacacag aaaagtgttc ctctaggaag gcataatatg tggccngatg gatgtgatga 180
 gtagattgta aaaggggttg gattctggca gaacangan agatnactna attattggaa 240
 tcaactgaga aaagagnnca ttagcatgcn ggctaataga ccctaataana acnggggtg 300
 aaaagatggg atctggacct agaggcagtc ttagagccat aatnctngat ttctnctnn 360
 ngngaaaagc acaggtactt ntggnttgag gccataaatc agntntatcc taaatggaaa 420
 actatatncc actggggatg gtaatcacc tttngataag aaagggtaga anccacaatc 480
 ttcaacagaa atggaactta tcaatntaat tnaagaatcc tcaacagtac anttttaagg 540
 nnatggaacc cctgtgtnna anccangtt ccnactgcca nngcctnanc aatcctatta 600
 tnactgatta gcnnnganaaa agaangcngc ancccnttnc naattttttn tttancnncn 660
 ggnantnccc ntgaaaggta ancccttnt naaaggggga aattcnaccn nanggagcgn 720
 nnnnggcnnng gngaaattnn ccttgaaccc ccnaggcan aaangttgct tnttancccc 780
 agancc 786

<210> 4477
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 4477

| | | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|------------|-----|
| gcgntcta | aat | gnnngctctt | gttctttttg | caggatccca | tcgattcgaa | ttcggcacga | 60 |
| ggaagctccg | agta | cctgog | tgccctcttt | gtctacgaga | agggggctcg | ggtgcttctg | 120 |
| gttccagaca | ataccttccc | cttgggctat | tacctcatcc | ctttcacagg | gattgtggga | | 180 |
| ctgctggttt | tggccatggg | agcagtaatg | atagctcggt | gtatccagca | cgggaaacgg | | 240 |
| ctccagcggg | atcgacttac | caaagagcaa | ctgaaacaga | ttcctacaca | tgactatcag | | 300 |
| aagggagacc | agtatgatgt | ctgtgccatt | tgcttggtatg | aatatgagga | tggggacaag | | 360 |
| ctgcgggtac | tcccctgtgc | tcatgcctac | cacagccgct | gcgtggaccc | ctgctcactc | | 420 |
| agacccgga | gacctgcccc | atttgcaagc | agcctgttca | tcggggtcct | ggggacgaag | | 480 |
| accaagagga | agaaactcaa | gggcaagagg | agggtgatga | aggggagcca | agggaccacc | | 540 |
| cttgctcaaa | aaggacccca | cttttgggtt | ctagccccac | tctttccacc | ttctttgggt | | 600 |
| ccttttagccc | cagctnccct | ttgggtttttc | ctggggccctt | tnaacagatc | ccccactgtc | | 660 |
| cccttccttt | tnccctgtaa | tcctggncta | ataaccccc | acaacttaca | cctttggggg | | 720 |
| acc | | | | | | | 723 |

<210> 4478
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4478

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| naatagcagc | tcttggttctt | tttgoggatc | cctcgattcg | aattcggcac | gaggctgtcc | 60 |
| actccagttg | cccttggcta | agtttagcct | aacacacagg | gttttgacct | atagttctaa | 120 |
| aatacacaaa | ttttgagact | acagcacttc | tttggaaga | ggaagaatgc | aaagttcagt | 180 |
| atttcaatac | tttgtatttt | acttgaaatt | acccttagta | gcattctttt | tttctgtct | 240 |
| gaaagctttt | gtgtggatga | gaagggacat | ttcatttcct | cccttaacaa | agtgtcattc | 300 |
| tgaggttctc | atgtgtgttt | ttggaaatag | agatactggt | ttttagagat | ttgcctttgg | 360 |
| gtatgtntc | tttttttctt | aaatctccaa | ggaagagaac | tgactaaaat | agtaggaaca | 420 |
| tgaaagtatt | aaatgccaat | taatttggtg | tagtaaagta | tcttcattag | cgttatactc | 480 |
| catcatatct | ggtgtaaact | gtcacagaa | aaccctatga | aaccaaagg | ggaccattca | 540 |
| ggtctaaaaa | gcgacaggtc | ccgagactgg | gtctgtcacc | tgggcatttt | caaagaggac | 600 |
| attttggaag | aatttgcata | ttcagatttt | taaaatgcac | ttaacatact | tcattacaga | 660 |
| attcttgggt | agggangatg | ggataggcca | nggatgggat | ggaatcagtc | tgctgggaa | 720 |
| cttaatnccg | aatcatttan | ccttctggat | taacccttgg | ncng | | 764 |

<210> 4479
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4479

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| gaggaaatca | gtacgctgag | gggccaagt | ggaggccagg | tcaagtgtgg | aggtggattc | 60 |
| cgctccgggc | accgatctcg | ccaagatcct | gagtgacatg | cgaagccaat | atgaggtcat | 120 |
| ggccgagcag | aaccggaagg | atgctgaagc | ctgggttcacc | agccggactg | aagaattgaa | 180 |
| ccgggaggtc | gctggccaca | cggagcagct | ccagatgagc | aggtccgagg | ttactgacct | 240 |
| gcgggcgacc | cttcagggtc | ttgagattga | gctgcagtca | cagctgagca | tgaaagctgc | 300 |
| cttggaagac | acactggcag | aaacggaggc | gcgcttttga | gcccagctgg | cgcataatcca | 360 |
| ggcgctgac | agcgggtattg | aagcccactg | ggcgatgtgc | gagctgatag | tgagcggcag | 420 |
| aatcaggagt | accagcggct | catggacatc | aagtcgcggc | tgagcagga | gattgccacc | 480 |
| taccgcacct | gctcgaggga | caggaagatc | actacaacaa | tttgtctgcc | tncaagggtcc | 540 |
| tcttgaggca | gcangctctg | gggcttnttg | ctgtcctttt | ggaggggtgc | ttcttgggta | 600 |
| naagggatgg | ggaaaggaaa | gggaccctta | ccccccggnt | ntttttcttg | accttgccaa | 660 |
| ttaaaaaatt | tttggtncca | agggaaaaaa | aaaaaaaaaa | aaaactccan | ncctnttaaa | 720 |
| actattagt | aggtcgtatt | accttggaat | ccnganattg | ataagaatcn | nttgatgant | 780 |
| tttgggncaa | accnccactt | tnaatgcccn | ggaaaaaaa | tgctttnttt | gggnaa | 836 |

<210> 4480

<211> 1174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1174)

<223> n = A,T,C or G

<400> 4480

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|------|
| tttttttccc | tttnaaaaaa | antttggggc | cccntttttt | ntttttcctt | naaaaanttt | 60 |
| nggggncccc | tttttttttt | nnntnnntg | ggncntatng | ggnaaatcc | ccccccnaat | 120 |
| tcctgttaat | tttttcgggg | cccgggaaaa | aaggtttccn | ttttcngggg | gtttcccccc | 180 |
| ncgggcncaa | cntttccggg | tttttccttt | tcgggaaatt | tcctttccgg | ggggttnccg | 240 |
| ggaaaccccn | ttttncccaa | aaaggttttc | ccccagnaa | attccccggg | caaaccggna | 300 |
| aaaanggggt | tccccnaaaa | ggntttcccc | aaaagggttc | ccccttttng | gnttncgggg | 360 |
| ggttcctttt | nccaaagaaa | tcctttcngg | tttttcgggn | cnggggggttc | ccaaaggggt | 420 |
| tcncccnngg | gttcttttgg | ggtnccaaag | ggnaagttcc | cttttcccc | aaagtgggtc | 480 |
| ccaaaaagaa | aggggggaaat | cncnaantcc | aaagnngtcg | cggatcgaag | agtnccccca | 540 |
| agtctcctga | agaggaagga | gcggtgtcct | cttaagaaaa | tgatgtatcg | gcaagcagtg | 600 |
| taaacggagg | acttggggaa | aaaggaccac | atagtccatc | gaagaagagt | ncttggaaca | 660 |
| agcaactggc | tattgaaaag | gttattttgt | aacatttgtc | taacttttta | cttggttaag | 720 |
| cttttgccctn | agttggcaaa | cttcatttta | tgtgccattt | tgttgctggg | attcaaattt | 780 |
| cttgtaattt | agtgagggtg | aacgactttt | agatttcatt | attggatttg | gatatttgag | 840 |
| ggtaaaaatt | tcatttttgg | atatagtgtc | gacttttttt | gtttgaaatt | naaacangaa | 900 |
| ttgggtaacc | taaaatttgg | ngggncctcc | tggacttttt | naagggaaaa | acgttggttg | 960 |
| ccaggncctt | ttctacaacn | aggccntaaa | angcttggtc | aaagaagatt | ttggacntcn | 1020 |
| ggggantttg | gnccttttaa | ntttcctttt | aaaaatttaa | aaaaaccctt | tccaaaaaag | 1080 |
| tttnggtggg | taaaaatttg | gngatattgg | ggttantttt | tacccttttc | nnnaatcttt | 1140 |
| taaaatnngg | ggtaattttt | gggaaccccc | aacn | | | 1174 |

<210> 4481

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4481

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| nctnacacng | nncagatngc | accaccttat | ggnaactncac | acatntngng | nntaattgcc | 60 |
| tnnaatttgn | nnaangggat | ngcctagtgn | tnctntgntn | cagaagggaa | agtggnttan | 120 |
| atagaaaang | acancnngg | ctatatacac | ttaanngngt | natagaannn | ggctactgaa | 180 |
| gtcnnggact | tnnannattn | aaancctaaa | tcacttnttg | tnggacgggt | ttcatntacc | 240 |
| tgccanatat | acagcccann | accnatngnt | ggngtgaggn | atnnntgtgc | cgggnttctn | 300 |
| tnntnattct | aacacccnna | gttgccataa | anntactccg | gnntattttg | nntgctcnca | 360 |
| aacttgattt | tttttttctt | aaccaccgct | tganttagtg | gtcctcnatt | nnggntnnag | 420 |
| aaggatnccc | acntgaaagg | ngatnaactg | gtcgnnccan | aacanttggt | tggntctctg | 480 |
| tcacttttca | agnccatnta | gttttntctn | anccgcgggg | tattoecnctt | tccnngccta | 540 |
| ttttttttnc | cntganaaca | ttcngtnant | ttanaatcng | ggggaangac | cccctttnaa | 600 |
| naaactgngc | ccctaantgt | tggtttncac | ttncncggac | gnnttntttt | ccaaaaaagn | 660 |
| ttgctttccc | cnntttccan | aaaggaacna | attnttctta | aanaancctc | tnntcncctc | 720 |
| ggggaagaag | gcccgaagngc | ctttgggaaa | ccncaagggg | gacccccnnc | cntggacaac | 780 |
| tnannaacnn | nttcngngng | cccaaacctc | ttnanttgge | ntnnccngg | tccttanaac | 840 |
| ananaaangg | gcgganntnt | | | | | 860 |

<210> 4482

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1407)

<223> n = A, T, C or G

<400> 4482

| | | | | | | |
|-------------|------------|-------------|-------------|-------------|------------|------|
| ntttccaaaa | tagcttgggn | aaactccnag | agcnatttag | nganactttg | aaancctttg | 60 |
| gaaannccna | annatttnaa | aanaanaacng | nnannntttn | nncaganaaa | nnancanaaa | 120 |
| nnnnacnngg | ggttttttct | aaanaacnnc | cnangataca | aatgagaaga | naattnaaaa | 180 |
| aaaaagannn | nnntnannaa | tttnatnaaa | nacngagtgn | aanngaaacg | cnnaaaaaaa | 240 |
| aaaacanata | ttaaanaaa | tttanannaa | naagnnaaaa | annacacatn | ntcnaaaanc | 300 |
| nananantnn | aancnanana | nntntatata | anctanntna | ntannnaaac | ntatnatnaa | 360 |
| ntnttanata | ncnanatgna | nnaaacagna | acnnatannn | nnaanaatgn | atatgtntta | 420 |
| acnatataan | tnntttagan | aganatgata | nntntaaatn | nnnnactata | tanataagaa | 480 |
| tatatnacag | agcncctnca | canatgatac | actgancnna | tnntanantc | aanngtggac | 540 |
| tnntnganta | taananggan | nacanactag | acnatnnntn | gaaaaganaa | atngnggana | 600 |
| canannagnt | tacganatna | nanacagnnc | natanncnan | ntntgtcana | natanatagt | 660 |
| ancnancaaa | gaanatggan | nnnacgacan | ntnccgtaca | tcnagacgnt | cttactatac | 720 |
| atacnagagn | gagancacnn | ncnacactnt | gcntnnnaac | atntgtanna | nntanatana | 780 |
| tanaatacac | acnagccnnc | atatattaca | cgnagantga | gnncnctacg | tanantatat | 840 |
| atanncatcn | ngaananatn | tnacangtat | acncgtanac | ntacagagtc | atnacacgta | 900 |
| antctagtna | tctnttnang | aacantntta | anangatatn | attnnaaaang | atatnagant | 960 |
| ctacgtangc | gcgnaantna | atntacacat | cnanatatag | acnanacgtg | atntnanana | 1020 |
| tganaatacta | tganaacnnn | tcnnaacact | nacatatnta | tanaaaataca | taagagtana | 1080 |
| catncacaan | cacatacaga | gananaanna | cacanaanan | atacataatn | aananantca | 1140 |
| tgantanact | taatcacgna | aaanttanna | agcnatttnaa | cganngaaca | ngntacntat | 1200 |
| acggntanaa | tacncataaa | ntancancta | nanaannaaa | gnnnnnntnn | cacanannac | 1260 |
| tnaancatga | cgatanataa | cangnatctc | aatantnaga | cntatgaaca | aaantagacg | 1320 |
| aanagtaata | tatatcnnta | gatnantana | nnaacgagac | cactgaacnt | ntnnanatat | 1380 |
| ntaanacatn | aactacaata | ncacacc | | | | 1407 |

<210> 4483

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4483

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gcgacgcgcc | ganggnaaaa | cccnaggcg | gannncaagg | acgcggagnc | ggcacgaggn | 60 |
| gagagagatc | angccgcacg | ggcnccttna | nnccccccn | cgncgnaann | cagcaggcgg | 120 |
| gnccagtgtg | cncgtgcacc | ncacccgnga | ggccgacgac | actatcannc | ccacnnatag | 180 |
| gnggaggaga | cagagggaca | gagcgcccaa | agccccacag | cnggcgagcg | gcagggcnag | 240 |
| cgagcgangn | ccactagacn | ggngacagac | gcagaagccg | cgcanncac | ccccgggaac | 300 |
| nggaagacaa | cncngacga | gcgagaccca | ggagaacgca | cagncnagcc | agaaaangnc | 360 |
| nngcaaccgc | anacangcan | cngacagaaa | ngcgacngcc | cacggaaaaa | gcgagcaacg | 420 |
| gaacnaagag | accaacnagc | ngccgggggc | aaggggaancg | ggcancnngg | cgncanacna | 480 |
| agaccgaanc | gggaagccgg | acccaacccc | aaaacggcca | aaggggacan | accacaaaca | 540 |
| gggnanccca | aaaacaccaa | anncnannca | caanccgaag | gaaaaggccg | aaaccaaggc | 600 |
| ccgaggncan | ggngagcacc | aacngaagcc | aaaccgggnc | aganncaaac | ccgnaancac | 660 |
| ccaggaggca | ncaggccggc | cccnngggga | nccaggcaag | gnccccgggn | aaaancccca | 720 |
| gncccnngcc | cccnnggncc | angggggaaa | ccccg | | | 755 |

<210> 4484

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1273)

<223> n = A,T,C or G

<400> 4484

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|------|
| anggnnnnnn | nnnnnnnnnn | nnagtttnnn | nnnnnnnnntt | tttttncccn | aaaaaaattn | 60 |
| gggccctttt | nttttccaaa | aaaatggggc | cctttttggg | ggncaaattt | ttttncagan | 120 |
| nnncnnnang | ttttttggaa | aaannccccc | ttttttgggg | naaaacnnnn | nnnggnnnnn | 180 |
| nnnnnnnnnn | nnnangnnng | gggnnnnnana | nnnnggnnnn | nnanggggnn | nnnattnntt | 240 |
| ngnannnggn | nnnnntnnna | ngngnnnnnn | tnnnanannn | tnnnnnnngn | nnnnngggng | 300 |
| nnntttnnnt | nnangggngg | ggnannnnng | nanannnnnn | ggnnggggnn | nnnnngnnng | 360 |
| ggannnnnan | atannnnnan | nngngnnnnn | nnnanntnnn | ngaattggna | annnnnnnta | 420 |
| aggggnaacn | nnngngcna | aaannannan | gaggggagga | angnacngaa | ancnnagagg | 480 |
| tanngaanaa | aatcgcacgg | gaacntggga | aacnaaanna | tcnannnctt | aacnaaanatn | 540 |
| taaagnaaca | naaagcnnng | nancannngn | tgnnctgtta | gnagatctcn | ngnaacaatt | 600 |
| tntaaangga | tnaaatctnn | angnaagagn | agctnnga | ngnanangaa | aangaannnn | 660 |
| naaacngang | annacanata | aacnaagngn | aaggtnnctg | gantanaaga | ggatnaagaa | 720 |
| cgtngaaanc | annaancana | nanaactnga | tgcccanctg | agnttnnaac | nnattatnnc | 780 |
| aangaaaant | gncntacatc | anattgggaa | natctaagcn | tcanaaaana | attnnagnan | 840 |
| agnatnccn | ngtatanaaa | ctnngatnct | nngnacgaag | ctataanaat | aannggaann | 900 |
| nnncataann | gnannaanna | aataatntat | nntggtnngn | gncntatann | taagnaangg | 960 |
| catacaagat | natataagan | aagntactat | naanatncnt | ngggaagnga | ntcnacacac | 1020 |
| tantntntnc | ccnntggang | nnatnagatn | anncnanttn | ngnntancnc | nnctgtcatn | 1080 |
| ntnaaagaaa | ngttnanaca | ganatcctcg | atanananaa | agncaaagac | anaggnanna | 1140 |
| caaacttngc | nnannncaaa | ngtcacttcg | tantnnacat | ngnaatanca | natnatnnnn | 1200 |
| anacnncgna | angcacaana | ngtananana | catnnataaa | aanntngnat | gntcgacngn | 1260 |
| agaangctcc | ncn | | | | | 1273 |

<210> 4485
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1240)
 <223> n = A,T,C or G

<400> 4485

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|------|
| agggnnnnnn | nnnnnnnnnn | nnngagggtg | gnnnnnnnnn | nntttttttt | ncccnaaaaa | 60 |
| aantgggncc | ccctttnnnn | tgccaaaaaa | aatngcccc | cnttttgggg | gcnaaaanat | 120 |
| cngggcccaa | ancccccaan | gcnnntttann | aanccggngg | gnntttcccc | tngggtnngg | 180 |
| ccccagggna | aaannnggaaa | aaagggtntna | aaaaaaaaatn | acctntgggc | ctttaaaagg | 240 |
| gaaaaaaagg | ggggnagggg | ggggggnggt | tggggggggga | aagggggggg | ngggtnangg | 300 |
| gggaagggaa | gggggnaaag | gggggnaggg | gggaaaaaacn | gnnnnnnnng | ncgggggaaa | 360 |
| naangcnnnn | cnannnnnnn | aaannnnnnc | nnnnnncnccc | nnnnnnnncca | nnnannnnag | 420 |
| agccncnggn | nnnnnnanaa | cacannnnag | gccgcccngc | nnacgnaagg | ggccngggca | 480 |
| ngaaaaanga | aaacagcnan | ncannncnt | gantgcatnc | cgcactgaaa | gganggncaa | 540 |
| acacnggang | aggnnnnnnt | ccnaagannc | aaggggcaa | naaggacct | gggnncnntn | 600 |
| ggacacntaa | agnaantgna | ncggatgnt | nccnatgac | agagangact | gggnngcang | 660 |
| gggnatgatn | aaaagtaacc | canngaagaa | acgngnnnna | nnaccngata | anncgntngc | 720 |
| aanctngana | acggcngaac | cnnnnnacn | agcannnnnc | ncnangcana | anaancnata | 780 |
| ngaaaaanng | gnmntanagg | gggggntncn | cacanaaaan | ggacntatgn | ganagcnggn | 840 |
| caccanannc | naaaancnaaa | nggggggnant | gaacnatang | ggggcngggn | nnanaggggc | 900 |
| nanngngnan | canatanann | ccntngnggg | ggcnagtaan | anancngga | gcncggncan | 960 |
| ccanaaannc | ccgccanaa | ccaggcannc | aannnnccnn | gngannnnca | gccnatnnca | 1020 |
| nganggantn | aaanaggna | cngcgaaga | gccnacgana | gcaannngna | cnatnnantc | 1080 |
| anngaaacgg | cnnaaacnnn | agagncgaat | cancgacacg | ggcaaacant | naatagacaa | 1140 |
| ncacaannca | ngtnngngag | aagtaacncc | ggctncatnc | aaaacnnccn | cgcntaccca | 1200 |
| aanngnacnt | ccannnnnnn | anaaaanacn | gtgcncgacc | | | 1240 |

<210> 4486
 <211> 1444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1444)
 <223> n = A,T,C or G

<400> 4486

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| nnanaanana | ntaantnant | nanannnnnn | nganaannna | nnaannnnnn | annncnnnnn | 60 |
| annnnaanan | naannatnnn | anganannan | aaaananata | aanannaann | anaanaaang | 120 |
| anannnnann | nagangnnan | nnaaannatc | naannannna | nngannaagn | nannnncnna | 180 |
| tannaagagn | aagggnnatn | annaaagggg | gagcnnaaan | angnganngn | ggaanatngg | 240 |
| angnannnan | tnaaaannnn | anananana | ggggagagtt | cctaaagggt | gggnaaaaac | 300 |
| ncacnncnca | aaaaaagacg | agnaatgggc | antggannaa | aactatcact | aangnnacca | 360 |
| nnncacaant | nannnggttn | caacactaan | nnantnnnnn | tnctangnga | nganattaan | 420 |
| cnntnnnnnn | nttnnnaatc | tancatcnnc | cantanntan | cnnnatnaaa | ntcnancta | 480 |
| ancannnnan | nnagannncn | attgaaaaat | tanaatatnc | acnatancaa | annaacancn | 540 |
| antaatnnaa | naannaannn | naagananng | ccaancatcn | anagncnana | annacaatcg | 600 |
| naacntaanc | ancnattant | tatntnncaa | anganattaa | nnacnngctn | tatntaaaac | 660 |
| tacatatntc | naanncnaat | antatntaat | nnaatntanac | acanatcana | gnagnaaaan | 720 |

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| nagntaanaa | acntctnnga | ctantaanat | atctaactnc | acaaaagata | aatcannac | 780 |
| gtatacgant | tatnganann | actcnacaaa | ntctatnann | aaangnntca | canagtancn | 840 |
| tnaanaanan | tnnaacatna | gagcatngcc | acaangtata | nnaatataaa | ntagtancac | 900 |
| antatnntc | annnaacata | tnnatanngn | tatnntggag | ctanannagt | ctnannnnan | 960 |
| agacacatnn | ncanaatann | tatatnnaaa | nanaacaata | ngtncntgat | nnannnncnac | 1020 |
| ncacncacan | atacantnca | tnaanacatt | nacacaannt | annanaatca | canctaacat | 1080 |
| ctcatnnata | cnannntcct | tcacatannn | tcnnactatn | tantcactnn | aaaaacataa | 1140 |
| nannanggac | aactnnacnc | nctaattntac | canatnncat | anangatana | tagancnana | 1200 |
| acaaanatta | gaantanata | naaaatttta | acgantcata | naaatattnn | aannanacac | 1260 |
| atancncanc | aatannaact | acnattanat | catnacanaa | ntantcgacc | ataaananac | 1320 |
| ataaatanta | tnannaanat | namntaagg | ccanncanat | taaatcacat | atatntatat | 1380 |
| anatnanaat | gncagaagat | atananncna | taactaaaaa | tanacatnta | atantcncta | 1440 |
| tnng | | | | | | 1444 |

<210> 4487

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1390)

<223> n = A,T,C or G

<400> 4487

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| ggnnnnnnnn | nnnnnnngna | nggtttnnnn | nnnnccccct | tttttttgcc | naaaaaaaaa | 60 |
| ttngccccct | ttttntttgc | cctaaaaaaa | ttgggnccect | ttttgggggn | aaaanttttt | 120 |
| ttcccgnnnn | gnnnnaaaann | ttttttnnna | aannnnnnnn | tttttnnnnn | nnnnnnnnnn | 180 |
| agggnnnngn | ncnnnnnnnc | ttnnnnnnnn | nnnnntnnnn | nnnnnnnnnn | nnntggnnnat | 240 |
| tttttttttn | nnnnngncta | tnggnnngna | nannnnnnnn | nnnnnnnnnn | nnnnnnnnngn | 300 |
| ggggganant | ntntattnta | nnnnngnann | tnnnngaggg | nnnnnnnnnta | ntnggngngc | 360 |
| ganngnnngg | atnaannntg | gcnnntgnng | nnnnanatat | nanatnannt | nnngcannna | 420 |
| atnnngnnan | nnnnnannag | ggggggcggc | annnacaanc | anttaagcta | anaaattncn | 480 |
| antnanntgc | tgaantgaan | gaacatncan | annttaacan | nnctgnangg | ctanntgaag | 540 |
| ncaanatggc | ttcaannaan | gcntnntang | gacttanggn | tacnggntat | naggnacctn | 600 |
| cttanntnnt | netaaccnta | tctngaacgg | nctncacctc | nnaaattgna | ctantatnnt | 660 |
| aaaaannatc | atnatnanat | ntnngganaa | ngctgtcaaa | aantnnnnna | ancnnnnngg | 720 |
| anannngtat | ctanntnnac | ntggaatgnc | ntaaacctat | aaaaaannan | gnnataaaan | 780 |
| ntcaacnnan | annnanacnt | aaatntanac | cntntaaagc | ncntanacnn | atttcgagnn | 840 |
| cctngacaat | anttttaann | tcatacaaat | gtgnngggan | antnctntata | cacgngggta | 900 |
| nantgnacnn | nnnatcttgn | ggtanaaggn | tnctanagcg | ntatntnntt | agngggnnaa | 960 |
| atantntntn | gaggtatcat | gagnntaact | ctcnnatnna | nnctgatnta | cctcacgtng | 1020 |
| tgtgnatatn | nnntcantnn | atctctanat | ncntatanat | atcgcanaan | atntacanca | 1080 |
| cnnnngtnaa | tatantnnnt | annntntacn | ggantngagc | tctacagatg | ttntcganna | 1140 |
| anattttang | anaaaaaatag | gtacanatan | ntgnggggnac | tnataaaaacn | ngangggnnn | 1200 |
| tnnttttnaa | aagggnnnnac | agnactttcn | atnaatagga | tataactcca | ngagcnactt | 1260 |
| tanccecanag | atcatntcat | acgncgngna | annnnnncta | ncataagnct | nttgagccna | 1320 |
| tacngctnt | atancnacan | gnatannnca | tnnggaaagn | actctatnan | gatnnanann | 1380 |
| cgncanacn | | | | | | 1390 |

<210> 4488

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)... (960)
<223> n = A,T,C or G

<400> 4488

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| ttctaattngc | tngctctcgc | tctcttggag | gntccctcga | ttcgaattcg | gcacgaggct | 60 |
| cgtgggagggc | tgaggcagga | gaatctcttg | aacctaggag | gcagatnttg | cagtggagcca | 120 |
| agattgtgcc | agcctgggcg | acaggggtgag | gctcttgtct | caaaaaaaaaa | agtcacacatc | 180 |
| ttcatgaacc | ctnagactct | ggagttgggg | tgtcggcttt | tttagcccag | cttttgtggg | 240 |
| aattgccttt | tgacctatta | aagaangaaa | gtggggtaat | gggagtncca | gccactcaag | 300 |
| agactnggat | atcccccccc | aaaatgggtt | gggttaccna | gcttttggnnc | cccntnggaa | 360 |
| aaatgaaaat | ctnaaacctn | tntcanctgg | gnttttnncn | tttgccaaan | ttcattttng | 420 |
| ngtttttaaa | nttttttctt | aattnaccan | ttaaaactcc | cttatttttc | ccatgggtct | 480 |
| tncaaggggc | cccttggggg | ttnaacanga | acnaccagc | tttnganttt | ttaanaagcc | 540 |
| angaccattn | tgggcggaaa | ngaaaaaacc | aatggggcaa | tttggaatn | ggtgncnnga | 600 |
| agtncccnnn | accaaaaatng | tttaatttta | attattaccn | cccattccna | aaatttttna | 660 |
| aggaanaaaa | aantggnaaa | tttccttttt | anggggttctn | aaaaccctcg | ggaaattnga | 720 |
| tttttaaaang | ccncnaaatt | taaaaaccct | gggttgccaa | angttccaaa | naaaaaatnac | 780 |
| atnttacnat | cctcttcata | cctaatacnc | cnactacctc | aatncttnt | ncanactcnc | 840 |
| caactnttna | nnattnccat | tctngatata | canntnanat | aacnnatnnc | ncntanaaan | 900 |
| ntnnttatct | nanataatnn | ttctgcnatt | cnntctcatc | cctctnatnc | tcnnntnct | 960 |

<210> 4489
<211> 1024
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (1024)
<223> n = A,T,C or G

<400> 4489

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|------|
| aatncnaggc | tctcgttctt | tttgcaggat | ccctcgatgc | gattcggccg | aggattccga | 60 |
| gtgtttacta | agcctgttga | ccctgatgag | gttcctgggt | atgtcactgn | aataaagcaa | 120 |
| ccaatggacc | tttcatctgt | aatcagtaaa | attgatctac | acaagtatct | gactgtgaaa | 180 |
| gactatttga | gagatattga | tctaactctg | agtaatgcct | tngaattcaa | tccagataga | 240 |
| gatnctggag | atcgncttat | taggcataga | gcctgtgctt | taangagana | ctggctatnc | 300 |
| cnntaattta | aagaaaaacc | ttttngaaac | cttttncngc | tnnttngnan | gaaantttcn | 360 |
| ggaatntttt | aaanaaaaaa | angnttgnnn | ncgttcccc | naaaaaattn | cccccccggn | 420 |
| ttttaactna | ccnctgggtg | attgggccc | aaangcccaa | aaatttnccc | ctcctttggg | 480 |
| ttggggnnng | atttaaaaag | gattccntga | nccccccgna | ggcccnagnaa | attggganaa | 540 |
| aaggctttan | aggaacaccc | ccgggggtta | ccttnccctg | gtggggncct | ttggccaaan | 600 |
| cnancntttc | cttnggcttt | caaaattttg | taaangaaa | ggganaaaaa | attttctngc | 660 |
| ccaaanaaaa | agggttccaa | aaaaaccttg | gggntgacct | ttttaanggg | nccacccccn | 720 |
| tttnttaaaa | aaaaaaaagc | cnnaaanggg | ggaaaggaaa | tttttttnaa | ccaagggggg | 780 |
| cccaaaaang | ggattgggna | tttaggnccc | cccggaataa | tggccccntt | ngggaattcc | 840 |
| nccccaaaaa | atttggnnna | aagttggant | tccccccang | gggaaaacct | tcanggaccc | 900 |
| caaagggtgt | tagaatccat | tnatggggga | cccggaaaac | ncnnggagaa | gtctttcggg | 960 |
| ngggaagaaa | attnanaaaa | ccgccaaant | gcccnttttn | aaagcaaact | tgggaattggg | 1020 |
| aaaa | | | | | | 1024 |

<210> 4490
<211> 834
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(834)
<223> n = A,T,C or G

<400> 4490
gnnnnnnntnn nnntttcaaa tgcttngcan tcgcttggnn gcaggatccc ttnggaagcc 60
nttgagcgac acgtggcgtn ccgctgaatt naagcatatt agtcagcgga ggaaaagaaa 120
ctaaccctct agttttaatt ggacacttct ttgctgnngc aatctatgcc gngtatnnnn 180
gctntaagtc agaaccttgg attacaaaac ctcgagcncc ccagnagtgt gtgctgtatt 240
gtcaaagcgt gntctgtaatt atttcctcta atttactcag aaatgaagta tatgggtcat 300
taagcttaaa ggggaacccat ttgtgaatga atatttgga cttaccaagt cctaagagac 360
ttttggaaga ggatatatat agcatagtac cataccactt ataaagngga aactcttgga 420
ccaagatttg gatttaanttg gttttgaagn tttttggata taaatatgta aatacatgct 480
ttaatttgca atttaaaatg aaggggntaa ataagttaga canttaaaag aaatgattgg 540
taccataaat tagtgctaan gctgaggaga actacaggnn ttcctttgga ttaaggattg 600
gagangagtt ggtggggcat gcaaattaaa atggaagaan ggaaaaaana aanaaaaaaa 660
aaacctcgga gncctctnga aaccatttag cgggggcn gn nttaccnng aancccnnga 720
catnggtnaa ggaannccan tggngaggaa nttngggggc aaaaaccncc caaccntgga 780
aangccanng gggaaaaaaa aaaggccttn aanttnnggg gn aannnncg ggcc 834

<210> 4491
<211> 940
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(940)
<223> n = A,T,C or G

<400> 4491
gtaggcccg nnttaagtttt acnnttnaaa ttttcagcca cngantgggt centnnegnc 60
cgggnttctt ggagggtttt ttntggattt tctnttttcc tnncnaccat tttcattncc 120
ttcatnattt cngngcccnt tacntttaaa ggtntaccg tccggtatng cntaatggaa 180
ggggtaaaat cnggnnaatt catggnttgg ccattctggc nctgngtncc centncnnan 240
aggncctnac cnaaccttga tggggncntc tacttcccc ctaagctttt ttgtgccacc 300
tngttgnttc ttaggtacaa aactattcca aatggtacct gncctggatc cntnggccaa 360
tggggaccnc atgggtaaga ttctgggtnt ttttaacct naaaaaagng ccattaaana 420
tcccggntna agattncaaa atgntattgg gggcttccat gaatgggact tngggactgg 480
aaattctctg gggantcaat gnaataatgg tnaatgaatg tgaagacctn anaccntgca 540
ntacttggan acttcttana cacttgtgcc aatttnggat attacctana atttatttta 600
aaaatgggtt tttcntttcc ttttaagtaa attaaaattt aacccttta ggcctttacc 660
tggnnaaacc ttntttttt ttacccttcc anttaaaacc ctttaaaaaa anttttttaa 720
aaantttnt ttggggaccn tntttttttg gttaaaaaan aaaattttta gccntttttn 780
anccccccc ctntngaaa aaaannnttn ggnaaacttc ccngggggnc ctttttaaaa 840
aaccttttag ngggggggnc cgaattttac ccgtgggaaa ccccnccncc cttttatnaa 900
agaaancccn tttggatgga agnttttggg nncaaaaccc 940

<210> 4492
<211> 840
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4492

| | | | | | | |
|-------------|-------------|------------|-------------|------------|------------|-----|
| taatanctng | gctatngttc | tctttgcagg | atccctcgat | tcgacaccca | atggcgggtn | 60 |
| acgccggtgc | anaggggggg | cccggggggc | ctggtggccc | tgggatgggg | aaccgcngtg | 120 |
| gcttcgcg | aggtttcggc | agtggcatcc | ggggccgggg | tcgcggccgt | ggacggggcc | 180 |
| cggggcccna | gccccngact | tncngaggca | aagccnagga | taangagtgg | atgcccccca | 240 |
| ccaanttgng | cccttggtca | aggacatgaa | gatcaagttc | ctggaggaga | tctatctctt | 300 |
| cttcctgcct | attaggaatc | agagancatt | tgantttttc | tngggggcct | ttttcaaaga | 360 |
| ttaagggtttt | naaaaaattt | nccaatncnn | aaacanaccc | ttccggcaac | gcaccangtt | 420 |
| naaggcattt | gttgctatnc | gggactaaca | atggccacct | cnggtctggg | tgtaaagtgt | 480 |
| ccaaggaagt | ggnccaccgg | catncgtggg | ggcattatcc | tggccaaanc | tcttccattc | 540 |
| ntccccctgc | cncaaaaagg | ttacttgggg | ggaacaancc | tnggcaancc | ccaaaanttg | 600 |
| tncctttgca | aaggtgaaca | aggncattt | tcgggntntt | gtggcttggg | ttacccccct | 660 |
| aatnncctng | gaaccccaan | gggcaacttg | ggcattntan | ttttcccgta | acctngtggc | 720 |
| ccttaaaaaa | aaacttnttt | cattnantgg | cttgggggatt | ccaatgnant | ggcttacaaa | 780 |
| ctttaaacnc | ccggggggctt | tcaannttgn | tcaaaccctt | tngggnaaaa | ttttgncnt | 840 |

<210> 4493

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4493

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cntttttgaa | ancccttggc | tacttgctct | ttttgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgagccaa | cgtgttaggc | ctncnnngca | cgnnnctnaa | gctgnttctg | aatgagaccn | 120 |
| agnncntga | anttnacaa | gacatccccg | ngaagacttt | gaatatgaan | actgngtgtg | 180 |
| tcnatgngtt | acnaacaaca | ntatacttct | nnctngtnt | natcaatggn | natngggnaa | 240 |
| cccttcctta | attacacctn | tncctacac | atacntcccc | atnnacacac | acntgaacac | 300 |
| actgangatg | tnccttttaa | gtgtgngtnn | aatntgctgc | nngnattgaa | attnaaatgg | 360 |
| gattgatnan | tcaagtgact | tgagacctga | cagcatcttt | acactnaanc | ttagacannt | 420 |
| atgcnctcat | gtgggcagca | ngttacaatg | gtacttnagc | ccacagtnta | ttgctatact | 480 |
| tgagttctta | actcanaaca | tatatnttga | tttgaatggc | atantgtata | tatnatttca | 540 |
| tgcncctttta | aaattatctn | anaccncttt | natganatgg | gcagnatgat | aantgtctaa | 600 |
| cacctgggat | ttaactggat | aattttgctn | gaatctttta | ngttttganc | tnttcaggac | 660 |
| nagttaacag | acctcanant | gttccaaagg | cttaaattgn | naactcnaag | ccctttttna | 720 |
| aaattnatgg | agtccaannt | tacctgggan | ccaggacant | | | 760 |

<210> 4494

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 4494

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| tnanngtana | agacnncngn | naaagcccat | cagccggaan | gcaaaggncg | cgggtggccc | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|-----|
| caagagnnggg | aggagtggggc | tgacagaagg | cccnntccc | anccgcgcac | nggcngaccc | 120 |
| ccaggggcta | ggatacngga | gatgaggaac | ngganaaggg | gcncaaagag | cacanttgac | 180 |
| tgganagagga | cacagagctg | ncctncaagc | anangaacga | agnncncata | ccccnggaac | 240 |
| ctnccccnct | ccaggtcac | accnncagct | ccancaanga | nacctnangc | gacaacannn | 300 |
| aagnnccctn | ccccaaccta | gnccnncagc | ccnaaangaa | ngaacacaga | tgaanagccc | 360 |
| tgaagacanc | ngngnccac | aggngnggcc | cgangcnccg | ggtgaaagtn | gaaganngac | 420 |
| cagtaagagg | gaagaaagaa | tggtctcctcc | ctcanttcag | agaanacatc | ctagtacaaa | 480 |
| gngccccctaa | ngcacncaag | gtctnngana | gctacattcc | ctcactganc | ccagnagaaa | 540 |
| nacactacca | actgangcac | canctaggat | taacaacnag | ccaagcctcc | ccttnccctt | 600 |
| cnaagggaaa | cntcncccca | caagggccnc | cccaatccag | aaaatgccta | taaanccctg | 660 |
| gccaacttcc | ggggaaaggg | gaccnccnng | aagaaacaaa | ttnaaaaaana | aaaacnaccg | 720 |
| ntaataagna | accggggnga | aaaaaggncc | aaccncccaa | agggcccccg | ggcaaaaaaa | 780 |
| atcccccaagg | ccg | | | | | 793 |

<210> 4495

<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1487)

<223> n = A,T,C or G

<400> 4495

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|------|
| agggggaggg | gnntttttan | cncnccccct | ttagggngga | aaaaaaancc | ccnttttttg | 60 |
| gggagaaaaa | aaggnccccc | naanntangg | gggaganatg | nnngaagagg | gnnanngggg | 120 |
| aaagcanacc | naaagngggg | anannnncng | nnaaaaaaan | gcnnggncaa | gacagnaagg | 180 |
| ggggncgaga | gagnnngcng | gggaganana | aggggaggnt | ntntgagnna | anggccgaat | 240 |
| ngacgaaggt | ncggatgggg | gncaannang | ggnganaggg | gaaagngnga | anggnntacn | 300 |
| ngngantggg | aaangnnnat | nngggggana | aaggngantg | agncggggcaa | aannantann | 360 |
| ncggatangg | gnataggtng | antgangtgg | angntancnn | agataggcgn | agannngaaa | 420 |
| ntgagnatnn | tgnnacacna | tggggnataa | ggcnnnnann | gaangganca | ggangangaa | 480 |
| ngggcatant | agggcgaaag | aagaannnnn | gntaggatgg | nnngaaaaana | aaantgntnn | 540 |
| ngaaagagaa | mntgangnaa | gtgncggaga | aggacgaaga | ataancnatg | cggaagnann | 600 |
| aaggngnang | tnnaaaaggn | cangaannca | gaacatngan | gncgaaaaag | cacaggnnnn | 660 |
| anggaagngg | gtgcnaaggn | gnaanaagag | ctatnagggg | gaaaggaagn | ggntgngggg | 720 |
| annngaagan | aaggggaggn | aagcaaggaa | acgatgnnan | agaaganaggn | taaacgcaag | 780 |
| naggtatnaa | naaaganaca | ancgangtga | naggggaagg | gngggncaca | atgaangang | 840 |
| ngaattggnta | ggacgcanna | agacntagang | ganagncaaa | gacgtagnng | caaagganga | 900 |
| nannnacgcn | agngngggaga | cgtaagggnn | angngtnagn | cnaanagata | ngganngnga | 960 |
| aanagggngg | aggagangta | gaaagncgaa | cagnnnnang | ngagngtggg | ngtaganaga | 1020 |
| ntnnggaaaa | aaggggacgc | gtanganaac | gnangacgca | angaggaacg | aagcnaaana | 1080 |
| gagnnaggag | nananaagcg | aggaganaan | gatnagggag | agntgagana | naacgaatgg | 1140 |
| ncganaagag | agagnaggtg | ngcanngagn | agaagancga | nggagganna | gantgacgng | 1200 |
| nagnngagag | aantacacnt | atnaggnngg | agaagataaa | ngcngagaag | atnganngng | 1260 |
| angaganacg | anagnnatgn | aganagnnaa | mntagnagag | agagagnngg | ngagagaaaa | 1320 |
| angtgagagg | agaggnaaga | ngaancngga | ngggacagga | ngagagnnnt | atgnnnnggn | 1380 |
| anggganagt | gnntntcntg | ngcnacannc | nnatnnggac | nacgagatgt | gcanaganan | 1440 |
| gngnggnaga | ngnnngnntag | atagaganna | nagggnataa | gagacng | | 1487 |

<210> 4496

<211> 768

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (768)
 <223> n = A,T,C or G

<400> 4496

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| tnnaggttng | nnntgtnggg | cctnttnncn | tngttgtaan | cgctggctng | ctcgcanan | 60 |
| nctngctggn | gcgaattcgg | cacgaggtgc | attngggcca | atggtggcnt | ntgtagttcc | 120 |
| tgaacatcag | ctgggaactg | catatggctt | catgcagtc | attcagaatc | ttgggtnggc | 180 |
| catcattnc | atcattgntg | gtatgatact | ggattctcng | gggtatttgt | ttttggaagt | 240 |
| gtnccttaatt | gcctgtgntt | ctttgtcact | tttatctgtg | gtcttactct | attnggtgaa | 300 |
| tcgtgcccag | ggtgggaacc | taaattatnc | tgcaagacat | aggggaagaaa | taaaattttc | 360 |
| ccatactgaa | tganangtnc | aaatgaatgt | gncatgagaa | tgggcttaac | acatcgttgg | 420 |
| tttgaaaact | tncattttta | aaaattttaga | gtttagtcat | tagaaaaaat | aatggactgg | 480 |
| aaagtntat | gtatatccaa | atatacctat | ttcaaagtgt | atttgtgagg | cctgttntag | 540 |
| cctgtgtcct | gtgtattgng | tgtcgctaaa | ganttntact | tttacnnngc | tcatcaacaa | 600 |
| tgaaaggggt | tgaaaattgc | tgtggaacat | ccacgtganc | tttttngaaa | gacagtnaaa | 660 |
| aaatggnaaa | cgtttggagc | tttctnttga | gataatctac | atttaggnaa | tataatctta | 720 |
| agggatacag | ccctttncct | ttattcttat | nncangaaaa | aaaaaant | | 768 |

<210> 4497
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (718)
 <223> n = A,T,C or G

<400> 4497

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| gngnctttan | atancttgct | cttgttcttt | ntgcaggatc | cctcgattcg | agcggccatg | 60 |
| gccaacttgg | aggtgaagaa | agcattcatg | ggaccactga | agaaagaccg | aattgcaaag | 120 |
| gaagaaggag | cttaatgcca | ggaacagatt | ttgcagttgg | tggggctctca | ataaaaagtta | 180 |
| ttttccactg | aaaaaaaaaa | aaaaaaaaact | cgagcctcta | gaactatagt | gagtcgtatt | 240 |
| acgtagatcc | agacatgata | agatacattg | atgagtttgg | acaaaccaca | actagaatgc | 300 |
| agtgaaaaaa | atgctttatt | tgtgaaattt | gtgatgctat | tgctttattt | gtaaccatta | 360 |
| taagctgcaa | taacaagtt | aacaacaaca | attgcattca | ttttatgttt | caggttcang | 420 |
| gggaggtgtg | ggaggttttt | taattcgcg | ccgcggcgcc | aatgcattgg | gcccgggtacc | 480 |
| cagcttttgt | tcccttttagt | gaggggtta | tgcgcgcttg | gcgtaatcat | ggcatagct | 540 |
| gtttcctgtg | tgaaattgtt | atccgctcac | aattcccaca | acatacgagc | cgggagcata | 600 |
| aagtgtaaa | cctgggggtgc | ctaattgagtg | agctaactca | cattaattgc | gttgcgctca | 660 |
| ctgcccgtct | tccantcggg | aaacctgtcg | tgccactgca | ttaatgaatc | ggccaacn | 718 |

<210> 4498
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 4498

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| gnagnccggt | tcnnangent | nggetnnatc | caatgctggc | taaagttena | ananctggca | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| acnccaggan | ncangcgttg | cgaattcggc | acgaggagga | attacaggta | gcaaattatg | 120 |
| gagttggagg | acagtatgaa | ccccattttg | actttgcacg | gaaagatgag | ccagatgctt | 180 |
| tcaaagagct | ggggacagga | aatagaattg | ctacatggct | gtttnatatg | agtgatgtgt | 240 |
| ctgcaggagg | agccactgtt | tttcctgaag | ttggagctag | tgtttggccc | aaaaaaggaa | 300 |
| ctgctgtttt | ctggtataat | ctgttgccag | tgggagaagg | agattatagt | acacggcatg | 360 |
| cagcctgtcc | agtgtcagtt | gcaacaaatg | ggatatccat | aaatggctcc | atgaacgtgg | 420 |
| acaagaattc | gaagaccttg | tacgttgtca | gaattggaat | gacaaacagg | cttccctttt | 480 |
| tctcctatng | gtgnactctt | atgtgctgat | atnccatttc | ctagtcttaa | ctttcaggag | 540 |
| tttacaatng | ctaacactnc | atgatngatt | cantcatgaa | cctcatccat | gttcatctgn | 600 |
| ggcaattgct | taccttgggg | gntcttttaa | aaagtaccac | gaaatcatca | tattgcatta | 660 |
| aaacccttaa | aagttctggt | gggnatcaca | gaagacaagg | ccnaanttna | aagnnggagga | 720 |
| atattattat | ttaaaagaac | cttttgggtn | ggatnaaaan | | | 760 |

<210> 4499

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4499

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttaagntttt | tttggttggn | ntttcnaatn | ttgccanaaa | gctgnctact | ngtncttttc | 60 |
| gcannatncn | ntcgattcga | attcnccacg | agctgatagg | tgccnccntt | aagacttttc | 120 |
| atagancnta | ngnccgancc | nncaccttct | cnnntgaang | atactnacc | agggnaatgg | 180 |
| tgnatgctgt | gaacanantg | gngaaccnct | cantntgnta | anattactna | ctaancctca | 240 |
| aagttaagct | nnancncaca | cnnntatcct | acctcncn | ctgagnntca | ngttncacac | 300 |
| aaaaggncn | aangccntng | atcnacctna | ttatggacnt | gntcatcnna | ancctaatat | 360 |
| nctnctcngt | acngtnnata | tttnacnann | agcattcnct | atcttncatc | cnntnnccaa | 420 |
| nctggncnct | ancttactac | ttgcaccten | ctgtacccaa | cntttccatc | cattgnntnn | 480 |
| cctatcaaac | tccttcantt | atgnccttna | nctcncgtaa | anacnnatgc | nnatcttgag | 540 |
| tncanacttt | tnctgcgccg | cngtnctcnc | ntttctttta | ccnttggaac | ccgnataanc | 600 |
| atgnntttta | gaanaatnan | caccnggnac | cttntnancn | ctanatatgc | nctnnntant | 660 |
| gctntgactn | ntaaactann | ctcnaanngn | ncttananc | ttatnaantn | ncccttnat | 720 |
| natagtntca | ttaanggtan | tccttttncg | gatccattta | nccctttncc | atttttgnnc | 780 |
| ctacntcatt | taacnttnn | | | | | 799 |

<210> 4500

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4500

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ggtgnnttcc | ccctttgaaa | ccctttanac | aagctacttg | ttctttttgc | aggatcccat | 60 |
| cgattcgaat | tgggcacgag | ctntnttccc | cctatnaaat | ttgcaacaat | anagggtgga | 120 |
| gggtaactcn | tnctntccta | tactgccaaa | gaatgtgagg | aagaaatggg | actctttggt | 180 |
| tattttattga | tgcgactgta | aattgggnca | ntatttctgg | agggcaatc | ggtaaaatgc | 240 |
| atcaaaagac | ttaaaaatac | ggacgnactt | tgtgctgnga | actntacatc | tagcanattt | 300 |
| ctctttaaaa | ccatatcaga | gatgcataca | aagaattata | tatnaagaan | ggtgtntaat | 360 |

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| aatgatagct | atantaatna | ataattgana | caatctgaat | cccttgcaat | nggaggnaa | 420 |
| ttatgtctta | gntataatna | ganngtgaat | canccaactg | aaaatnctnt | ttgcataatnt | 480 |
| caatgtntcta | aaaagacacn | gttgctctat | atatgaagtg | aanaaangat | atgggnagcat | 540 |
| tntatagtac | tagntntgct | ntaaantgct | nngtaaatat | acaaaannnc | tagaaagaaa | 600 |
| tatatatanc | ctngtnattg | tattttgggg | gagggatcct | gggataantn | nntatgntcn | 660 |
| tngaactnct | tctggngtct | tcacattttt | ctaccannga | atttaatcna | atagtaaagt | 720 |
| tgttggnaaa | aantcaaagn | tnggatttag | aaagatncnn | ttcttgaaaa | nacctgcttt | 780 |
| tggtaaatga | aanc | | | | | 794 |

<210> 4501

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4501

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| tggtttttta | ggtttggntt | tcnaatnngn | ctaangctgg | gctcttggtc | ttttngcagg | 60 |
| anccctcgat | tcgaattcgg | cacgagatga | gaaccagaac | aagtctggca | gcgaggccgg | 120 |
| cagtcctcgg | aggccacnaa | gacagcggtc | agatcaggac | tcagacagtg | accagccatc | 180 |
| cagaaagaga | aggccctncg | gttctgagca | gtctgacaat | gaatctgtgc | agtcaggagg | 240 |
| aagccactca | ggagtttctg | agaacgactc | tcgcccant | tctccaagtg | ccgaatcaga | 300 |
| tcacgaatcg | gagagaggat | ctgataatga | gggttctggc | caaggctctg | gaaatgaatn | 360 |
| ggaaccagag | ggatccaaca | atgaggcctc | anatagagge | tcanaacatg | ggtcagatga | 420 |
| tagtgactag | gtttttatttc | atcaataagc | ttcatctctg | gaggaaactt | ttttaatata | 480 |
| tgaaagctgt | gatcaaaatg | tttcacatgt | ttagtcaatt | gtgaaatttt | tcttaangca | 540 |
| attntctttt | ctatcanttt | gtatattact | aanccccaag | agacattttc | tgtgctagna | 600 |
| gtccaatatt | ttgagtctct | cntgcanatg | agacttaatt | ttttgngnga | caattttcccc | 660 |
| tatcatatgt | gaaaaactgc | tntntcaaat | ttanccctta | tgctanantn | attcctacna | 720 |
| nannttctnc | ctgntanctg | tngctacaan | ntnttatnt | ntttttnt | | 769 |

<210> 4502

<211> 1338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1338)

<223> n = A,T,C or G

<400> 4502

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agggnngntc | tttccacccc | ctttggttgg | aaaacccccn | ttttgaanta | ccaagcctna | 60 |
| ctttggtgtn | ctttttttgg | ncanggnaat | cncccaattc | cgncatctnc | ggnaganagn | 120 |
| tcccnacaca | ctagccagna | cacanatctc | atcaccaata | acnngttttt | tatcantatc | 180 |
| nnncanncn | ntcnnncnca | ntntncgnng | tangntgtcg | acaantntn | tnncntnta | 240 |
| aannnnncnn | tntactatna | tcnatngtca | tcntcancna | ntnttctntn | ctancgnann | 300 |
| nnntnctctt | nntantctn | actnngnnnc | annnnnnan | atnnnnnctn | ctannaacan | 360 |
| cacnnngnta | ttnnacnnt | ntnacnnttg | ncnctnannt | nnnantncta | tncanttncn | 420 |
| ncattaacat | nnncccnata | ncaannntna | ccnatcanat | acntttttnn | ganacnnann | 480 |
| nancnntctn | cttncnnnt | ncctaacnnt | annnantctn | cngnnntttn | aanncttnnn | 540 |
| tnactnncac | tactnataca | ttntntann | ggntccanna | aactnnagtn | nnnccntana | 600 |
| ctgatnnnna | tnnntnctt | cnnctattnc | nnnngtantt | nanacnnacn | atcatnnctt | 660 |

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|------|
| ttcatnnncnc | nanttnccggn | aatcatntgt | antntaanan | naantcctan | nntcgncnct | 720 |
| cttcncttnc | tcgnnnntnt | atncactnnn | atnanntnac | taccactnct | ntatntcata | 780 |
| ccagantata | natnttnaaa | tcnnntnttc | ncnnancnnt | ctctcncnan | gcnnntacgac | 840 |
| nnnnantcan | tttngtncan | tgaactaant | aaaantgtct | nttctatatc | nncagncnat | 900 |
| nntntnataa | atactctctc | atnnatmntn | atnacacata | tntntncnca | ttctcctatn | 960 |
| atctgnatat | nntcgtcncn | ntctcngana | cnnncactct | atgatntnt | ntacncacta | 1020 |
| tatntacnan | ngtatgntan | gnnacatana | angcttaaac | tnnanangna | tacgacttca | 1080 |
| ntatncata | taacncctcg | ntatgcanaan | aatcgnaactg | ttaatgactn | gtatntcgat | 1140 |
| acncctctan | angcntnngt | atacntntng | gtcnnncanan | cttcatntac | nctngtantt | 1200 |
| atgntatata | tangcacnga | nnncnngnag | anatcnanta | cacccttata | nnttacnana | 1260 |
| nntatatntc | taatnngncc | tctntnactc | tcnacgntan | gnnnnactgn | tatnttcaca | 1320 |
| cntaantatt | ataatnccg | | | | | 1338 |

<210> 4503

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(884)

<223> n = A,T,C or G

<400> 4503

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| cncnntctna | tgnggggnang | tnggtctntc | ctacctcttt | nagganaccc | tctcgcctaa | 60 |
| nancnnggct | ggggcggaatt | cggcacnagg | gaatggatat | tnggggngga | gantanntnt | 120 |
| nnattnccct | taggatcngg | cactgtggag | gaacttttga | aattgtnacn | tgctcacatg | 180 |
| ttgnacatgt | gtntcggnan | gcnnccacct | ncacctatcc | aggangcnca | nggongatta | 240 |
| tcaataacaa | taacagacga | cttgcccaag | tctggatgga | tgaattcang | aatnatcntc | 300 |
| tatatnatgt | ctccatgngn | tacaaaggtc | ncattatnna | tatatatcnn | cnnnanatgg | 360 |
| acttanacac | naacntcaat | gcnaaccttt | tanntgcanc | ctncanactn | tanntnctga | 420 |
| ncntntantn | ccacnncnnt | ntanctcana | gggaganana | caaantnttn | tagcnnttcn | 480 |
| aannctacat | atcccagnnt | cnaaaagagn | ntgnctannc | tggaattntt | taatggccan | 540 |
| nggtctgggg | ngtaaatan | ngatcantcn | ttataactgc | ctacnctnna | cnttcncaac | 600 |
| attatgaacc | ntttgctnnn | cgaantgnnt | tcccaanncn | ttaaatcgng | nccctntcac | 660 |
| cnaatggcnt | caaanatgcc | caancnancn | cttnaaaaac | gnnctncccc | anactttttg | 720 |
| gngcantntn | tgacccccca | ctnggaantn | atttancatc | ccccnagtct | acccentttt | 780 |
| ttggaaaccc | nngcnaaatn | caatntggnc | cccttnnnna | acttnnacac | cccccccncn | 840 |
| aancaantg | natttnnncc | cccnngctct | tncncccnac | nnnt | | 884 |

<210> 4504

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4504

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| tgnggtggctn | gggggnnnnn | nnggnngttt | ttcttnnnnt | ngtntgggng | gncctttttac | 60 |
| tcgcccctaa | natcaganat | tggggtnngg | ggggggnttg | gctcgnatcc | tntgnnttct | 120 |
| ctnagaatna | gtgtntttgc | tnntntgtct | ggggnatctc | nccnnttttt | ttctnggggg | 180 |
| gntntnnnnc | ntnggggggg | ntntcntgng | ggcncnntgn | ttgctancct | nnntntgtnt | 240 |
| cnatgntntn | cnttgntntc | nnactttntn | ttgtnattnc | ttatncactc | tctncnttnc | 300 |

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|------|
| nataatctcat | gttggtgnt | ttcattttnc | ncnaagttcc | cnntgntcna | tntttnttat | 360 |
| ncnccnnntt | tntgctntcc | ttttntnnta | nagtgnact | ntctngttnt | tnncntntt | 420 |
| tacnnanntt | ncctnttant | tttncnttt | tntttccnnn | ngctgtnnan | tngggtnent | 480 |
| cngctttctt | ctcccgntct | ttctcaatcg | ttcctnnctt | nttctncntt | gngnccctgt | 540 |
| tnnatTTTTt | tnntntnccg | anctcattac | ntccntccctn | gtaattntcc | ctnctaateg | 600 |
| tntgctgntt | ntcccttnat | tnntctttng | ngatncnttg | gnatctcmtt | tccttangtc | 660 |
| tatntgctnt | ttgttccnta | nangcnnta | ttntgtgncc | tctcncgntt | gnggttctct | 720 |
| gtttgtnnng | cnncctgtcc | tcttaaant | tgctctntgn | ttncannngn | cntttntang | 780 |
| gtctntngnc | ccttnttnac | cnactttgtt | atntatccgt | cnntcggtna | gttcnnnna | 840 |
| tgctgttttt | ntngcnctan | tgtncctgct | tctctntntg | nnnctcnnnt | cntcggtnct | 900 |
| nctatgnggc | tatgttnnnt | tnccctnttc | tttccattnc | ngcgnnaccc | cctttntctt | 960 |
| actnttnatc | ttctnatnac | ctntntnnnn | ttctntttag | anntntnnnn | atctctngn | 1020 |
| tgttttntct | tcnnnccctt | ctntngnnc | | | | 1050 |

<210> 4505

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4505

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|------|
| nttgnaattg | gcgggtngagg | gntgaagggc | ccctttttct | tttttcctta | aatggcttn | 60 |
| gtggagcanc | tctnnnnntn | cctctganac | atcagaanat | atgggggntn | cggngcnnn | 120 |
| nnntaccacc | ncantncnat | gctagctncc | nncgncnca | antctncng | accnncggn | 180 |
| cgctctttt | gtntctengan | tnnaaacctg | tnnancan | tnactctan | nnctnnngn | 240 |
| ctntgngcag | ctggannnnn | ncnannnnna | ancnngcact | agnactncca | ntnantgnat | 300 |
| ntctnagacn | cnnnncctna | ttcnnttgnt | ctcaagtca | tnctncncnc | ccnncncca | 360 |
| accaccnncn | ancacctggn | gccccacnn | catnccnca | ncactancan | ntcctaacc | 420 |
| tcancntnnc | ncacncaan | nnctncacat | ncntntcngc | ctcctncnc | acatnttct | 480 |
| acntttncat | ncntcccaa | naacttntnc | tnntcccnac | aaacacngcn | nnnnnnctg | 540 |
| ctcnntacnc | acnnccnnn | cnntantcnn | tcgantccc | cataatnctn | tnnancnngn | 600 |
| ttccnncctn | nattccctct | ccctagnact | ntctctctcc | ntctttatca | atcnnnccca | 660 |
| nceccatcat | ccctcnnnn | cccctcactt | ccttctcact | tengacactc | tctntntatc | 720 |
| nncaacnct | anagctcata | tnnccactcn | cantatnnat | cccttccctn | ctactcnnnta | 780 |
| tatctcnaca | ctctnnctct | ncacntacct | nngcgtncnc | ttctctncac | nanntntcat | 840 |
| ttctncaactn | cantntccta | ttctctttnn | nnncnancat | tcacnnnctc | ttctcgcncc | 900 |
| tgctnacann | ttcnctntcn | cactncctcg | nnnatnnnn | tnctntntct | cnntntnact | 960 |
| catntntcat | atacncatc | tantatctnt | ncnnctcnn | ntntctttcc | ncactccntg | 1020 |
| cnaccctca | tcnactcnc | cntancctac | anntcncctc | cnctcancnn | ccncacctat | 1080 |
| atcactncca | tntctctnct | cacgtttaca | ctactcacac | tcnactnnnc | atcactcnn | 1140 |
| nttcnnncnn | tangtncnn | ntactntatc | cactctntct | cacatctcnn | ctacncanac | 1200 |
| ntccncaacna | tcactctct | acnncctnta | ncnattacc | ntcactctc | ccctcannac | 1260 |
| cctctccgc | tctnctcata | tctcnnngn | ctcatnttct | acatntttca | ctntatange | 1320 |
| tcctctcact | nnnnncnca | ctatacgtat | atcgaanaca | acgtatntna | aaccnactn | 1380 |
| ntatctanac | tctctcnnnc | tnccccacat | tnctcttcc | t | | 1421 |

<210> 4506

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(952)
 <223> n = A,T,C or G

<400> 4506

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| ncttttttct | atagngcnnt | tnttggggtc | tttctttcca | nanancgtgt | nnctcctcct | 60 |
| cncctaaana | gnnaggctgt | ggagnncaga | ccnccnatat | gacacnntan | atncttaata | 120 |
| annnntgatt | ntntgccaga | ngcnctctgc | antgnnacng | tnnggggngg | gtgaacacac | 180 |
| nctcntgcac | ggntatcnag | ancagncttn | actnatnctg | gactacaatn | atgtgagata | 240 |
| acacanacat | tanntnnaan | nnananactn | tattcnttnt | tnactaganc | gntcctncga | 300 |
| tnngaatncc | ctcctcctna | ngaaactagc | atggatgttc | acattcaagt | gtgggggatnn | 360 |
| ttatcaattt | gctatttnat | aaaanatacc | aanntntncc | ctntncaana | taattnnctn | 420 |
| cngatatatg | gtccatccat | ttantgaaan | gctnttcncc | ctttcaaaan | gatacnnatn | 480 |
| angncanncc | cngtngcctt | acttggctna | ttaaaccnna | natcantcct | gnncagatng | 540 |
| gngtnttcca | ccannntttt | nccnaagcc | ttannntacc | taacctcnct | gntcctccaa | 600 |
| gctnctaccc | tttccaaccc | tcacgcncn | tcncaaaacg | tcctttttnn | tactctcnnt | 660 |
| ntttcgaann | tcccaaattn | taccccattn | cccnttcccc | nctagcccnt | naattntanc | 720 |
| cntttncctt | tatcntcnnc | tncacttttc | gtncctcnct | nccctcatac | cactttttct | 780 |
| nnnatcncca | ccccgncnnt | cactactcat | cagcccccctc | aactnctnnc | ncatnanatt | 840 |
| ttnacnctnt | cantcccttt | ctntnnccnc | tctntntttt | ctcgnacanc | ctccactcnc | 900 |
| ntctatcngn | cnttttccnn | nnctntcttc | cganncnntt | netcctccca | ct | 952 |

<210> 4507
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4507

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| nagttttttt | tgggtgggntt | ttncaattcc | ctccttccag | ccaggatctc | ntnctntcct | 60 |
| naanaaaagg | ntgtggcgaa | ttcggcacga | ggtgagcccc | acaggaataa | aaaacactgg | 120 |
| gaaggggtaa | ccccctcacc | cccggggagt | gcccgggggg | agagaggcta | cctganggga | 180 |
| angaagcaca | aaanggaccc | gctgcagact | cagggcaaan | ggaatgccat | cngngctggg | 240 |
| acctgtgagc | actacangag | gaaacgcaag | cntgggtgna | ctgggtccag | ncacacaggc | 300 |
| aaagggcaaa | aggggttgac | actaanccnc | aaagntactt | gggttccctc | ttcttctnnt | 360 |
| ttgccttttn | ctgetnctnn | tncatganct | ccaagtcctt | ntgnttgccg | gcggcagcan | 420 |
| aaagcccgtc | atttcggcgc | tttcccttaa | ccnantcgnt | ctgetttttc | atattcttnt | 480 |
| ggcggtcaan | ctcacgctgg | ttaccgcggt | tnatggctac | ngcagcggnt | ccaacctgct | 540 |
| ccgttacgtn | ccctttgttc | tgtcnnaent | tncangtccc | ncccttntn | ncaacgtacc | 600 |
| cacagtcctt | cctttttctc | ccgccccctc | gcgccccgnn | agcccnngntc | cccatTTgna | 660 |
| caataaaaaa | gcacctntga | ttccacgnct | tcnngccttg | aatccccctng | tctnttaaan | 720 |
| ngncnnnaag | ntcccncaat | cctnnaaccn | ccnncatctg | ntgaancccn | ngncctttcc | 780 |
| cntnngnnt | | | | | | 789 |

<210> 4508
 <211> 1454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1454)

<223> n = A, T, C or G

<400> 4508

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|------|
| aggggggngng | ggggnnnttt | ttnggggncc | nnccccctt | ttgtnttggg | gnaaaaaaaa | 60 |
| cccccccttt | tttngggggg | ggaaaaaaaa | nggggccnnc | cgggttngng | gggaaagggg | 120 |
| gntggcngnn | ggngggggnt | cgnggggngg | ngngnngngg | tgttngngng | gggggggggn | 180 |
| gtgtngnggt | nggtggnnna | ggnnngggag | gtgnnggggn | ngggaccncg | gnggngggng | 240 |
| agnggngggg | nntgtngngt | ggtttttttt | tnccngngnn | gggggnnnna | ggggaggggg | 300 |
| acggggggng | tgnggtnggc | gngntnngtg | gngggggggg | gnngtntggg | tggggcgttg | 360 |
| gtcgtngggg | ngcngtggg | ngncggcggn | gantggngtt | ggcngtngng | ggggtgcncg | 420 |
| ncgcnnngng | nagnggggcg | tgggcnnngg | cngncngcga | cgnggggggc | gtggggcngg | 480 |
| gggncggngg | tggtgnnggg | ggcgagnggg | tggggggggg | gnagnagngg | agnagngggg | 540 |
| ggngggttga | gggagagggg | tggggngngg | gnntttntgn | gggggatgtt | nggggggcga | 600 |
| nnccgngngg | nggggggtgg | tgtggggnnn | gggagnngga | gtggnggntg | ggnggtngng | 660 |
| gtgngggggg | gggtggtgtg | gtgagcnggc | gagnggtgng | tgtgngnggg | gnngnnnggg | 720 |
| gtgngggctg | cgtgacgntn | ngngagaggg | tggngagngg | ggngngagtg | gtngngtgtg | 780 |
| gngacgtggt | gtgtgggtgt | nngtntggnt | tcncgagngg | ngggngtga | gncngcgtg | 840 |
| gngnntgtgt | ngtggagcgt | cngngcgtgg | ngngngngng | cngncggngg | tgggannatg | 900 |
| ggngacnggg | tggtngngng | gtgtgngcgc | gnnggtgncg | gggacgtggg | nganggggtga | 960 |
| gcgncggggg | gaaggggtgt | gagttgtgan | ngngnggana | tngngannng | tgtggtgtng | 1020 |
| tngngaattg | gcgancgnat | ggngtgcggc | gcngtngngg | gcgtgtgngg | nnnttagggg | 1080 |
| gnccgaggat | ggggnnngng | nggtgcgggg | gtgtgggtgt | ggtggngngg | cngacngcng | 1140 |
| gtgnttngng | ngngngggct | ggtcncgtgt | ggggggacgc | ggaggtgngg | atgcnnntgt | 1200 |
| tgcgtggcgg | ggnnngngcg | gngcgagngg | gcgnanagtg | gggggtggnt | ggttgtgngg | 1260 |
| gnggtgnggg | ggggnggngg | gnntgtgcgg | ggnggcgggg | ngcggcgtng | gtggtcgggg | 1320 |
| gggggggatg | gggncngtg | gcggggngnn | nnggagtngc | gacgnngggg | gcggngggan | 1380 |
| gggggtnggg | gtgtgngtgg | gtgtgggcgc | gngcngnggg | ngnggagcgn | ngggngtcng | 1440 |
| ggnggganggg | tccg | | | | | 1454 |

<210> 4509

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A, T, C or G

<400> 4509

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| tttctaatta | tcangngngt | cgnnactnnc | nctananana | taggccttgg | ngaattcggc | 60 |
| acgagaactt | cntnaantgg | tgtntntcac | cnttngcaaa | caggntntna | agatgtgcnc | 120 |
| tttgggnntg | ctntttgggn | acatacatgn | ncnttacngn | tatctntang | nnaaactnan | 180 |
| aactntctng | aatttgnena | cnntgcnatn | tattgtgtga | agcgtgcac | tanctcacgt | 240 |
| ttaccantaa | nggtncatt | nncccatctt | attatntncc | acttataagg | ctcaaaagaa | 300 |
| nttgtcccca | ttccggccca | anacacnctn | tttagnttga | atggntgaat | tggcaaanca | 360 |
| tgaanntcaa | accnattanc | cgnaactggg | cancnatccn | caanggcctt | cntacctgga | 420 |
| ncttgttnaa | gggtgggaanc | cnttccttag | gttccaaaan | ttgtancatt | ttacccttgg | 480 |
| cnnggtcatt | aatttnattc | ataacnaagn | ggtcnatttt | nttncttnat | gaccccatcn | 540 |
| gtgaaaaaat | tnccctaate | antaacccca | ancntgtctc | nttaattcca | agtcctntcg | 600 |
| ccntnanang | aattcncctt | nncnanaann | ctnngatctn | ntnnnttnca | agcangnanc | 660 |
| nnggccnngc | nttngggnga | anaaatnccc | ttgnttnaan | cacanttcna | ncccaaggtn | 720 |
| tncaaaaann | ntcctgnaaa | tcttntttgg | cnnnannggt | ctttttaccen | tanccenttc | 780 |
| ccaattggga | atcacttgca | antngancn | ngtgccttta | gantttgggn | nnaaatnggn | 840 |
| ctaaacctcn | ttggnnntnt | tctctnntcc | gcnnnggaca | atccttnncn | anacc | 895 |

<210> 4510
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 4510
 tggtnnnnnn naggttgggn ttttcaattt tntctanacn ccngnctctc gttcttttccg 60
 caacaancnn gcgntcgaa ttcggcacga ggnnncccg c nngatcagnt nttctnnnac 120
 tcantaanna cttctgggtn acnggatcaa attgaatctg cntaggctgc tgtatntgga 180
 gganncnngt tcgcngnant aaaanctggn catnnngang nctgancnnt tnccnnaaag 240
 gntangtcca ntgnnnctga tcancnncaa ntacncagnc aganatccaa anaccagtna 300
 tatatgtnc nttgtctcagg ggtgtggnc ccaatttcna tngagntcna cngcnnnnct 360
 cnngaactnc ntncnactt cttncanntn gtcnngnaan ncnttnntnc atctnagctg 420
 gcacatgaga gtacctntct gctatgccag aagtatgaca ccaccaggtn atagtctcta 480
 cgaccttac cactgtgact gattgagtggt tgtgagaatg agngactncc atnngattnc 540
 ncatttncca tccatctagg ngccactctn tnngcatnga ttntccctg gcnaccnaac 600
 tctnngantn ggatgacttn tcntnagant ngattcttaa nactnngaant ttgatgatnc 660
 tacttatacn gnnatttttgn ccctncngna aangcattga agtngggttan ntaaaatagn 720
 naacnacccc anttgccaat ttnccaaaac cnccaaagcc tnaccccng angggnnnn 779

<210> 4511
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (10)
 <223> n = A,T,C or G

<400> 4511
 nnnnnnnnnn 10

<210> 4512
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 4512
 ngtnatatgc ttntaatgc ttentancga attcggancg agagaagccn tgagcagcaa 60
 agtctntcgc gacacctgt acgaggcggt gcgggaagtc ctgcacggga nccagcgcaa 120
 gcgcgcgaag ttcttgga aa cggtggagtt gcagatcagc ttgaagaact ntgateccca 180
 naaggacaag cgcttttccg gcaccgtcag gcttaagtcc actccccgcc ctaagttctc 240
 tgtgtgtgtc ctgggggacc agcagcactg tgacgaggct aaggccgtgg atatcccca 300
 catggacatc gaggcgtga aaaaactcaa caggaataaa aactggtcaa gaagcttggc 360
 caagaagtat gatgcgtttt tggcctcaga gtcttttgat caagcagatt ccacgaatcc 420

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| tgggcccagg | tttaaataag | gcaggaaaagt | tcccttttct | gtnacacaca | acgaaacatg | 480 |
| gtggccaaag | tggatgangt | gaagtncaca | atcaagttnc | aaatgaagaa | ggtgttatgt | 540 |
| ctggctgtan | cttgttggtc | acgttgaaga | tgacnmgacg | atgaancttg | gggtataaca | 600 |
| ttcacctggc | tgtcaacttc | ttggnggtca | attgcntcaa | agaaaaaact | tgggcagaaa | 660 |
| tgttcnnggc | cttatnttnt | caagaaccnc | catggggcna | agccccaacg | ccctttnttt | 720 |
| aaaggcncat | ttggaattaa | attcntnttt | ncceg | | | 755 |

<210> 4513

<211> 1166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1166)

<223> n = A,T,C or G

<400> 4513

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|------|
| ggagnttacc | ccttnnngaa | acccctttat | acangctact | tgttcttttt | gcaggatccc | 60 |
| atcgattcga | attcggcacg | aggctacttg | ggaggcnaga | gttttngaga | atggccngaa | 120 |
| cccangaggc | cgctggatnc | ggnggaaggg | ctggtgngga | tantntanga | tcttgntgaa | 180 |
| tcccactcca | ngananctan | nttnatnnga | ccttntcnta | nnnttantgn | ttncatatnt | 240 |
| nactcaanat | ngcaattgga | tntattnatg | cnncnanntc | acttatcacc | tngatcatnt | 300 |
| ggaaacnaat | aannatctcn | annangatcn | gtcanttnta | atantgngga | tcaacnntnc | 360 |
| ctctcntnnn | gggaatntna | nentgggtact | naccnntttt | nntaanacca | tcttnnccat | 420 |
| tnacnnncna | nngcnannan | annanatnta | attnaattnn | ntntanccaa | gatccatcna | 480 |
| cgttangaat | tnttccccat | ngnggaattn | gcaanaacaa | tntcnnganc | taanaacaat | 540 |
| tcngccnntn | nacaaatcnn | ntnnanncan | nanncgccan | tntaatgntc | aantncaaan | 600 |
| cngcccngca | cgnanagatn | natnannnct | ctnantctct | ntnanccanc | ccatacnnat | 660 |
| tcgatancna | tnannacntg | gacntnctct | nnatcgtnnn | nacgtcatcn | ctaatanccct | 720 |
| ctcgtcatac | gcnnatgatc | nngncctcta | acgcacnaat | angngcgata | tgatcnanat | 780 |
| attaagtctn | tantagtcgc | ancnctanan | nacnatggcg | nnatcnantt | naatgtatgc | 840 |
| gnccangtaa | nctncgcgtn | cncatagntn | nanncnctnc | tcnnnannat | gancnngtaa | 900 |
| natgtntacn | gnactntctc | acgnnatntt | cntatanagc | cgcgcnanatn | cnancaantn | 960 |
| nantamtcn | tatnangatn | attacntcgc | ttntnncnacc | ncnaatacnc | ngnatnnana | 1020 |
| acatcngcnt | ntgnngtctg | ngntgannaa | ctcncannna | catntcnatn | acacnncgta | 1080 |
| nnnnanctac | cagctnntac | nntaatgatc | tcannnnncn | cacatnanat | ntatcatntg | 1140 |
| acntnctacc | attnacnnag | ngaccg | | | | 1166 |

<210> 4514

<211> 1185

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1185)

<223> n = A,T,C or G

<400> 4514

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| ggnnnnnggg | gggnnnnnnn | nnngnggggn | gnnnngngng | nnnnnggtttt | ngggggggggg | 60 |
| gctnttggtt | gggaaaaaaa | ccccccnttt | tngggggaaa | aaaanntggg | cccnnnnnnn | 120 |
| nnnnnggggg | gnnnnnnnnn | nnggggggng | ggggnnnnnn | nnnnngnnnn | nnccnnttg | 180 |
| gggggggggn | nnnanngggg | gggnnnnnnn | ccccnnnnnn | ngggggggggg | gnccnnnnnn | 240 |
| naannggggg | gnccnnnnnn | nttttttttt | ttggggggnn | ccnanngggg | ggggntnnnn | 300 |
| ncccnngggg | ggnanancntt | tnnnnnnnnng | gggggggggn | nnnnnggggn | nnnnnnnnnn | 360 |

| | | | | | | |
|------------|-------------|-------------|------------|-------------|------------|------|
| nnnggggggg | gnnnnnngnnn | nngntnnnnnn | nnnnnggggn | nnnnnnnggg | ngnnnnccnn | 420 |
| nttntgnna | nnccccnnnn | nnnnnnnnnn | gnntgnntng | nnaaannnnn | ntgggggnnn | 480 |
| ngggnaacnt | tnnggggggn | ggngnnnaa | nnnnnnnnnt | tnnttnnaaa | aaggggggg | 540 |
| taggctnggg | gggggnttaa | aannngggng | ggnggggggg | ggnnnnnnntg | ggncgggna | 600 |
| annnnnccnn | tttngggggg | nngggnggag | ggggnggggg | gggnnnntnan | gggggggggn | 660 |
| ngnnnnnnng | nggggggnng | gggggggnnn | gnngnnngnn | gggggnaaac | gggggggggg | 720 |
| gggggggncg | gnnnnnnggn | nngggggggg | ggggnggggn | annggttggg | accggngggg | 780 |
| ggggngggng | nggggcccgg | nnnggacnnn | ggntnnaggn | gggggcnngg | nnnggggncn | 840 |
| gtttgnnana | aaaaaannna | aangtggggg | cntntgggac | nttggggggg | ggggggnttn | 900 |
| cggggggggg | ccgggggcnn | gggggnnnng | gggnncnnnt | ggggnggggg | ggntnggggg | 960 |
| gnnanancgn | nngnntnggg | naaggggnng | gggggggnaa | aaaaaanggg | gggnnnngnn | 1020 |
| nnnggggggg | gggaaaaann | ngggggggga | nggggnnnnn | nggggggggn | nnannnnngg | 1080 |
| ggggnnnnnc | ccnnnnnnnn | nngggngggg | ggggnnngnn | nnnnnnccnn | ggggnnnnnn | 1140 |
| nnnnngnnnn | gnnnnnnnng | gggggggggn | nnnnnnnttt | tnngn | | 1185 |

<210> 4515

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1142)

<223> n = A,T,C or G

<400> 4515

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|------|
| ccncangggg | ccnaacaan | agggncncc | nncttctntgg | gncaggggga | aanccccctt | 60 |
| ttggccnaaa | aaacngccct | ttgggggggg | aaaggngggg | ccgggnncn | nggggcccnn | 120 |
| ggggggnccc | canaaaaaaa | acnnnncccc | ccnctntncc | ccctnnnnnc | cccncnnnnn | 180 |
| aaannaaaaa | agggggaacc | cancnaaggg | gggggccaan | anggggggga | aaantntaaa | 240 |
| agggggggcn | cccccaaaac | cnnggggaaa | aaaanncccc | caagggggga | ccccaaaaaa | 300 |
| nnnnnccnaa | acccccntgg | ggaacccaat | anccccgggg | naaaaccccc | gggaaaanng | 360 |
| nnnnaaaaann | cnngggcccn | aaaaaggggg | cccccccnna | annntncccc | acaaaaatna | 420 |
| aaaagggggc | accnttntcc | cgggaggnaa | nttccaaggg | gggggacaag | ggnnantttt | 480 |
| gccgggggga | aaaagggant | ccaccccccc | ccnaggaaat | caaggggnng | cggggaaana | 540 |
| gganggcntn | acccaaaacc | cccgggggna | cggnggccng | ccaangaaaa | agagaangna | 600 |
| ntntnnaaac | ccgggggana | aagnnnaanc | ncgncgnnan | nggaagnggg | ggngcccccc | 660 |
| ccaaancaaa | angncccccn | agggggcccn | naacnggnna | cncnnggggn | nnaaaggggg | 720 |
| gccnaaaagg | ccccggggcc | ccaaananc | anaccnng | nnngnnaaac | aaannnccaa | 780 |
| acccctgggc | ntntgggggg | nggcaaaaac | aaccccccg | angggggaaa | aaaaaatang | 840 |
| ggggnaaaaa | ggaaacccaa | anctggggcc | ngggcnngna | aanggnctga | accccccg | 900 |
| aaaaccccaa | ncangncngg | gggaaanaac | aaggcnatgn | ngcccaccgg | cggccccang | 960 |
| ccccancac | ccnnntagnn | tnctcccccn | ngaanaaaann | acncgcatcc | cgggaaccca | 1020 |
| aaanngggaa | nagccnncgg | gggccaaggg | gnncancggg | nangcnccnn | ccnccccggg | 1080 |
| gncannnccn | anacntnccg | ggcnnnnaacc | ccccaaanga | anccggggga | aaanaagggc | 1140 |
| cg | | | | | | 1142 |

<210> 4516

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4516

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| cacaccncaa | angcacnnna | aacnancacn | angnccgaaa | cgaccennaa | cgcgcgcgcc | 60 |
| acnnccannnn | gacgcggngg | aannnnccgc | gnaaaagacg | nagcganaan | caanacanag | 120 |
| cnnncacaaa | ncaccncnca | ccccccnccg | agtntggaaa | ccccnangca | aanaccacc | 180 |
| ccacgnacgg | cgagggaac | ccaaccgggg | ccgcaatntc | gncnacncng | ggnagatanc | 240 |
| acnaaagnnn | nnccaccact | tnaattaaac | ccagcaaaaa | caccacacan | ggacacaggg | 300 |
| gggggncnag | gganggcnac | ccgcannnna | cccacacana | aaccggagnc | gcgncgccac | 360 |
| annacacggg | gcacnaanca | acaccccaag | anacnaaagc | ccncnanggn | aanagccena | 420 |
| naacganncc | ancnccanac | aaccgaacac | acnaacgcna | cngaacaaaa | accangcnac | 480 |
| agagcccnac | gcanngnaag | naaagcccac | acaaanagca | cgccngnaac | nagaaagccc | 540 |
| aacagacnna | caacagaacn | nanaagacaa | acccacgggc | ncnncaanag | cccacganac | 600 |
| cacgnaancg | nnacccccaa | gcanaaagcg | agagggaaccn | nnncanaaag | ncgcgaccgc | 660 |
| ngcggnngga | nacaaggaaa | ncaannaaaa | aaangaganc | ncncnacnag | cccaaanaan | 720 |
| cccggnanaa | ccgcnnccc | g | | | | 741 |

<210> 4517

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4517

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| ggcanttgnt | cttttgcnaga | tcnctcggtc | gaggacnctc | gagagtnttc | atgtactagn | 60 |
| atgggtactgg | ctgncnngcg | aatatctnng | accaattatn | aaanaaatat | gtgtagagta | 120 |
| ganataaaant | ggtaactagt | nnnttatnag | aggggaagtn | ggntggnttt | ataaattaaa | 180 |
| tgaacattta | tgcggtcggt | tatttnnagc | taaaaatagn | tggtatattc | taggnaacag | 240 |
| aaatttagaa | acctattttt | ctgtagaaga | aagggtgcgc | tatctgctnt | tgatntctca | 300 |
| gatatttgct | tctccttaga | atgctatgan | cagatntnta | ttagaatgaa | gttntctaaa | 360 |
| ggctttgatt | ggcatgagct | nnattactta | ttngcttang | ttaangatta | gccaataga | 420 |
| catattatct | ttatggacca | ttgcaaattt | ntctaanttc | taaccattnt | taacctttta | 480 |
| tatatgaatn | acnnaggaaa | ccatnnnatt | attataaagt | ntattcctgg | cncnntggaa | 540 |
| ngncactcaa | tnangtatnt | gttaattgna | gntaaatgat | ccccagtnng | agtagnnacc | 600 |
| tnncangttt | ccnnggggaa | tnctttntct | accnaccgtg | gggggnttac | ctctnnaaag | 660 |
| attgtttttt | nggttcccaa | cttnaccgng | gaaaantacc | ttgggaaacc | tggnccccct | 720 |
| nnagnanaat | cntcgntttg | ggcnccactg | atc | | | 753 |

<210> 4518

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(972)

<223> n = A,T,C or G

<400> 4518

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| nnnnactana | nacatncaan | tnnntcannn | acnctcanan | nnaacannna | tacnncnnc | 60 |
| ananatnana | natnncnttt | caccacanan | ctcactnecn | tacacannct | cnacnactnn | 120 |
| cnaagnggag | ggaanntagn | gantannaga | gganatngaa | angcggcgca | cantaatttn | 180 |
| taaaggnngg | ntctntaant | ncttggnat | cgnccctcat | gnaggnaacc | atcgcannc | 240 |
| ctnngatcnc | cncacagang | ttacatannc | actgttgac | cagcncagta | actaggatn | 300 |

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| tnacacctac | annactcaca | ngtgcacggn | tntannngcn | acntntaact | gctcttcatg | 360 |
| cttncanggc | cctatnnang | aaanccagan | atnacannnc | ttntactatn | acttaccaca | 420 |
| canagnagg | cnttngctnc | ctaaacnnaa | tntntatcan | acaagcnntc | catcaanatn | 480 |
| tctaantnna | ngggctaata | angaancaag | tcnncgtgnt | gtgtancctn | ttctccctca | 540 |
| ncanatacaa | tacaggagct | gatatgcctg | ggctcaccct | gcttaanaac | aaggntctcaa | 600 |
| cnatcngncc | ataccctnn | tattaccna | gatgggaaac | ctctgnanaa | tggtgncact | 660 |
| ancctngact | ctantctctn | atatactgcn | nctntatngt | caatcncnat | ntaaaccata | 720 |
| anggttcaat | agcctataaaa | aagngegcen | gaaattagta | tgngnnattn | naggtananaa | 780 |
| actcanntaa | angcattcaa | atcttcangc | ctaccatgac | cctattttctn | cccactntaa | 840 |
| ccaanatgnt | nactctcana | tnggaggaca | nncnccctgca | atnctctcac | ctccccatnc | 900 |
| ctcaacatnc | caccangaa | accanaatgt | gntaanccctc | nttncaacaa | aaatngnngn | 960 |
| ggtaagnaan | cn | | | | | 972 |

<210> 4519

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4519

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tnagnttttt | ttgtgggttt | tctttttact | aanngctggg | ntatcggtct | ttccgcagna | 60 |
| accntcgat | tcgaattcgg | cacgagggga | ggagaggcgc | ggggagccag | gcctcggggc | 120 |
| ctcggagcaa | ccacccgagc | agacggagta | cacggagcag | cgcccccggc | cccgccaacg | 180 |
| ctgccgccgg | gatgctccag | accttgtatg | attacttctg | gtgggaacgt | ctgtggctgc | 240 |
| ctgtgaactt | gacctgggccc | gatctagaag | accgagatgg | acgtgtctac | gccaaagcct | 300 |
| cagatctcta | tatcacgctg | cccctggcct | tgctcttctc | catcgttcga | tacttctttg | 360 |
| agctgtacgt | ggctacacca | ctggctgccc | tcttgaacat | aaaggagaaa | actcggctgc | 420 |
| gggcacctnc | caacgccacc | ttggaacatt | tctacctgac | cagtggcaag | cagcccaagc | 480 |
| aggtggaagt | agagcttttg | tcccggcaga | gcgggctctc | tggccgccag | gtagcgcggt | 540 |
| ggttcgcgtc | ncgncgcaac | caggaccggc | ccagtctcct | caagaagttc | ccgagaagcc | 600 |
| anctngagat | tcacatttta | cctgattgcc | tttattgccg | gcatgncccg | tcattgtgga | 660 |
| taaaccttg | ttctatgaca | tgaagaaagt | ttgggaggga | tantnccata | cacaacacta | 720 |
| ttcctttccc | agnatttggt | actacttnat | ttaacttnt | | | 759 |

<210> 4520

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 4520

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gtttttttgn | ncngnaaacc | cttggcannn | ncggancagc | ggacncggtn | ntcgnattng | 60 |
| gccgagggca | ttgaaacctc | cgttcatnat | ttttcggagt | taaanaggca | gcantngcgn | 120 |
| gnntgtacac | actnntanac | aggnnnnnnn | atngacttga | cctnntngaa | tctctaaatc | 180 |
| angttccata | tggatcgaa | gnccattatg | cnattcanat | gcngcccntt | ctnangnggg | 240 |
| tgggnccntc | naccntngt | gcncgtgcag | aactganann | gacggaccgc | ctcantcnn | 300 |
| ncnaacgtgc | aanatgtatn | nanncagggtg | aaggggaaca | ctaaccaagc | attgaggtcn | 360 |
| naaaaacagg | gatnnggtat | agtganctnc | ccnganagca | aaagnanntc | tgctcaccat | 420 |

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| ttcccaggna | gctnagaanc | cgengattcc | tgaantcaga | cacagaaatna | annctacccc | 480 |
| gnngcaggaa | ncntncnttt | gaaaattttt | ctnacggngt | cnttaccntc | ttnggcttgg | 540 |
| ggantnantn | gggcaccaag | taaanntntt | ntgcncaccn | ntgggggnac | cctttccatc | 600 |
| tgacccattc | nnngctctgt | aacttgacan | gntttntttt | ccgcnattgg | gaaagntgna | 660 |
| ggggtgctan | agccttaaaa | atgnaanccc | cctttttttt | ttaaaaanaa | aaaagtgttg | 720 |
| tccggctttt | attcnattgg | tngggatggn | gggggggagga | naaccannta | aagggtttttt | 780 |
| ntcnngaate | cccnggggag | tggnnccncc | cgantttttt | tgggttcaaa | annctttccc | 840 |
| t | | | | | | 841 |

<210> 4521

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(938)

<223> n = A,T,C or G

<400> 4521

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| gnnncnnntt | ctnnaagggg | gggcaggggg | ggtttccctt | tctnacagcg | agtgaggagc | 60 |
| tcnnantcgc | ccnaaacana | atagggcggg | gnaatgcacc | accagggaca | ctcagncctc | 120 |
| cnanccggcg | gcctngngng | aagaagccan | ngggctgggc | tgatgnnaat | ggtagnnnac | 180 |
| anngatccct | gggggcatcn | cngaccnman | catacnagtg | gnannanccc | ntnatnncc | 240 |
| tgnaaancnt | nntgnaggan | gcanttcact | gctccaagaa | cncctggtgc | aacttgacan | 300 |
| annggctcca | tgccctgnag | cccgcctgna | tttgccggtn | ncanacagag | cacatccatn | 360 |
| ggggaaatgg | gnactnatcn | atntgnctng | aaaagnagat | gccncaatcc | tgacacnccc | 420 |
| accactcccc | atganacntc | tgcnnggatc | ttnagggacc | ccccgtaact | ggaaaacncc | 480 |
| nggcctgtgc | ccactntaa | tgacnangc | acncengagg | ggnggnctc | tcactgngcc | 540 |
| cttgctgncc | acnacgccct | ngaccgnccg | ccacctgang | ancgaaaccn | nagccngcaa | 600 |
| ccccnngtnn | cccancaccg | gcancaccatc | cccaagcaan | nnccctncnc | cccccttta | 660 |
| nnnnccaaat | cgntccccacc | tnanntnacc | nntcggncaa | agtccaccgt | tcnnnncana | 720 |
| gggcntnncn | ccnganatgg | cnnnatnnaa | cacctngaana | tctnngancn | naacnnnnct | 780 |
| tccccaaana | nccttnagcc | cttngccacc | ccnnccctngg | gggaanncn | cctnccggctc | 840 |
| aaagcctacc | ttgnnaattn | cggncaanna | ggcccccnngn | ntnttcnnnn | catactngcn | 900 |
| tccccnngg | ggcccatnnc | cgaccncaaa | aggggcct | | | 938 |

<210> 4522

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 4522

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gctccacaga | gcgnttttct | nacngcaacc | ggacgccgng | naaccccngg | ngccgnaaag | 60 |
| gaagggnggg | gcnagggcg | cncnccggcc | gncnngaacc | ggncacgana | cagttttttt | 120 |
| ncnaacacng | acnccgaaaa | natgcnnnga | gngctntncn | antnnnancn | nagagcgcca | 180 |
| nacgtngcac | aaangcngnc | ngccnagtgg | caccctnncc | gacantcccc | nagtntggag | 240 |
| acggncnaat | gacnanaatn | ggacccngnc | nanngacncc | ncacncacac | cnnnagngnn | 300 |
| gacanganng | gngcctaana | agnanangcc | cacnnntgt | gccacnntct | angngnntnc | 360 |
| ccaggagncc | ncanncgana | cnaaaaangcc | ctnngggnc | aacnggtggn | accngccaan | 420 |
| ctnggggnann | cannaaggan | gnntcggtaa | ancctngnag | gncngcagnn | anacgtcacg | 480 |

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|------|
| cgnggcctca | ctnnacancc | ctancancgt | nccanntngg | gntacactct | ccaaacnaca | 540 |
| tgagtctcct | cncnnaaant | ctcgggggng | nnncncccc | antcatacnc | ancccnegna | 600 |
| aatnaatata | ccncgctana | tnccggcaan | atctgcngcg | acaagannna | gaccncncta | 660 |
| cgactnntan | ccannctann | angggncaaa | acggngcncl | cncagnaaga | cnccggcann | 720 |
| tncaanacan | cncncattnn | anannggctn | actctnagaa | nacntcctnn | aanctcanct | 780 |
| cacctttncc | ttgctntcac | gnggcatnna | cactacattn | agngggntca | cactcttcaa | 840 |
| aaggntcccc | tggncncccn | tngaaatgca | ncnactcttc | ncnanngnnt | ntccnagcaa | 900 |
| accaanagnt | caaaccncta | accanancn | cnntccccctg | gcctggncccc | ctttaaannt | 960 |
| gganaccant | cncctatngn | cnncggggaa | aaaccncnt | agcccacaaa | annangctng | 1020 |
| gtgaagnnna | atggaaagnc | tatnctcaag | naaatcccac | ctatttaana | ataancngnc | 1080 |
| cccgganccn | aatntggccc | cttaantncc | actcctnngn | naccgggc | | 1128 |

<210> 4523

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 4523

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| gnattatngg | cctaaatnnt | tgaagnttgg | tgatnctgen | tngggggatng | tngttnengg | 60 |
| caagcccatg | tgtgtacnaa | agcttctccn | actatnccgc | ttgnccgnca | acaanantttn | 120 |
| ttgagataaa | acaannactt | tnccnagngt | gtcaaatana | gctgcggacn | agaatgnnnt | 180 |
| tncanctgnc | natgncncc | gcataatgct | naaaagacnc | nganagggan | ntgnnttttc | 240 |
| tcctttgtnc | cgtgcctcnn | acttttagtc | nctggnggaa | gganccnacc | cnatantgct | 300 |
| aaantgcatt | ggcnanttga | aggtnaggta | gcaaacgact | ncctanatga | taanggtccn | 360 |
| gttanmnnaa | ncttcngtng | gacncnangg | tgnantnang | gctcnnttng | gccttanctt | 420 |
| nacnggctag | nngnacntcc | ganttatng | gnncttcatn | tcaggggntt | gctttanngn | 480 |
| gacagntaga | ccgaagattg | gaaanngann | ttggtggnc | cattgnncnt | actnnngttg | 540 |
| ttccgnnana | nnctgggnang | nttgantngg | tnggacnant | ttgnaccnnc | ttggttttgn | 600 |
| gaccaatcng | ngcaaacaat | ggcaaaaatc | cncttcnttt | tcttnaaana | nntaanaatt | 660 |
| cttanggttc | ctggggggcc | tcctcttttc | tgcnccaacc | tttcnccaat | tannctttac | 720 |
| gntgggntnc | tnttcaccaa | aaacnttgg | gganggtccc | aancnccnng | gggaggncaa | 780 |
| aanaancccc | cattggcccn | ccnnacctat | tttgccnngg | tnnacgaann | attctanctt | 840 |
| ttaannaann | cnatnttttn | atttnttttc | ngaacc | | | 876 |

<210> 4524

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4524

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gtgntttcta | atgcttctaa | tngettggtc | actcgttctt | tnctgcaggat | cccatcgatt | 60 |
| cgaattcggc | acgaggannt | ctntgctatn | gaacagnggc | tggttnnacac | tnnggantta | 120 |
| nnntgnacn | ntannnattg | nancanntan | tactggnnnt | ccntaatncl | nttaatgtna | 180 |
| cntnttgcaa | gnngnnctga | tnaaatacac | gacaggaggg | aaanctantg | cgtcataggc | 240 |
| acaggcagac | ctaccgnnta | aggagatnat | ntnccnnang | gntggctgtt | gagncatgc | 300 |
| aactctggna | tgtatttccc | tttataggac | caccttgtn | atngtggata | aagcccctaa | 360 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| agnaggatgn | naaagatgat | cngatccaat | acgttacnct | gacannaaan | nntgtnatac | 420 |
| ntcngctgan | caatctntcc | ancnnntnta | atatactgna | tcacctaggg | tgtatgatcn | 480 |
| taggaactct | gcncctncan | tcnggactgt | ccatcacnga | ctnntgggct | nctactgtac | 540 |
| antangcgna | gaanancnnt | cannctacan | ntaaccagat | tggtgctggn | anatggtant | 600 |
| gcnnnttnan | cncacacgac | ncaataaagn | ncnctntnc | cccanancct | ntnnagggaa | 660 |
| gaaaggaatt | ttncatagt | ggctcaatga | anggggtacc | cttgggcttt | ntaaaaaacg | 720 |
| ttncatgggn | cctaccttaa | acctgngtna | actnanancn | nttngncata | anggggtctaa | 780 |
| cgnctatang | gggnacnnat | ttttnc | | | | 806 |

<210> 4525

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A, T, C or G

<400> 4525

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| ggnnnttctaa | tgcttttctaa | taccttggct | ctngctcttt | ctgcaggatc | ccatcgatcc | 60 |
| gaattcggca | cgaggaaatg | tgtatttcag | tgacaatttc | gtgggtcttt | tagaggtata | 120 |
| ttccaaaatt | tccttgtatt | tttaggttat | gcaactaata | aaaactacct | tacattaatt | 180 |
| aattacagtt | ttctacacat | ggtaatacag | gatatgctac | tgatttagga | agtttttaag | 240 |
| ttcatggtat | tctcttgatt | ccaacaaaag | ttgattttct | cttgtattac | attttttatt | 300 |
| tttcaaattg | gatgataatt | tcttggaac | attttttatg | ttttagtaaa | cagtattttt | 360 |
| ttgttgtttc | aaactgaagt | ttactgagag | atccatcaaa | ttgaacaatc | tggtgtaatt | 420 |
| taaaattttg | gccacttttt | tcagatttta | catcattctt | gctgaacttc | aacttgaaat | 480 |
| tgtntttttt | tttctttttg | gatgtgaagg | tgaacattcc | tgatttttng | tctgatgtga | 540 |
| aaaagccttg | gtatttttaca | ttttgaaaat | tcaaanaagc | ttaatataaa | agtttgcatt | 600 |
| ctactcanga | aaaagcatct | tcttgatat | gtcttaaaat | gtattttctgt | cctctataca | 660 |
| naaaagtctt | ttaattgatt | tttacagtct | ggaatgcttg | gatgntttta | aatantaaca | 720 |
| ttttatattt | tttaaaagac | aaancttata | ttnatcctng | | | 760 |

<210> 4526

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1236)

<223> n = A, T, C or G

<400> 4526

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| tttgttggng | tttggntnng | gggtgggggct | tnttnttaan | gnntgntnta | aatcggtgng | 60 |
| anagncccta | anatngaata | gggttngggg | ccatncnntt | ntcntntacn | nnnnncnct | 120 |
| atgcggnnnn | nngcctcann | ngnacttttt | tanatnat | tttnnctctg | nnanngtnt | 180 |
| actcancgtn | ntgttntgnt | netantccaa | natacatgga | tntgcccnn | actnnnnacn | 240 |
| ntacaggngc | tngcccngnc | nngttcnann | nattancnna | ccanntntc | ntnnttncng | 300 |
| anagagtntc | gcnnntcntg | aaatgttanc | gcncctcgaa | cacnntnta | tcnctancn | 360 |
| gttctcttgt | ctnntcctnt | anatgantcn | gancttttna | atngagtnc | taatctcnan | 420 |
| ngntcttttn | gatcntntgg | tctttgcnta | ncttnnaacn | tccttttgnt | tangnanana | 480 |
| anccttenta | aattnannca | anttnnnttc | ctnnetaagn | anngnnecct | antnntntnc | 540 |
| ttnnantacc | ctnancnttn | ttenancnna | tenttcncca | cngtntntaa | ntnnantnna | 600 |
| tttnaanntn | cctnnentca | acnacntcaa | ntacancntc | ctctcnanct | atcacaaann | 660 |

| | | | | | | |
|--------------|-------------|------------|------------|-------------|-------------|------|
| aannngncaact | aanncgctact | atttctncta | nggntccncg | ctattttnttc | cnactttnctn | 720 |
| ccaanannat | annntanaa | atnntccttc | taacnttncg | gctantctca | tctctnnctt | 780 |
| anntnnnnntc | agcgacanat | nnnnnctnc | atatanatnn | ctcangtann | aantttctnta | 840 |
| tntntnccct | nananacacn | ntctntnnaa | nttcttcnnt | ntcttantnn | natantttcn | 900 |
| ntntnttann | natacnaact | antntnctn | nttntnatnt | nnnatatcca | cctntannnn | 960 |
| cantntnena | tanntctnat | tnaatcnct | tctacancct | annnnntcnn | ccntttmnta | 1020 |
| ttcnctttct | gnngaatata | tcnatattct | nctntannna | atttntttct | ntcnctctnc | 1080 |
| antataatat | tttnggggmn | tntctnatna | tntnctctnt | aatttttncn | nnntnctntt | 1140 |
| annaaacctt | ggngaaatta | atctcttant | catntatnct | nnngggnatg | tacaccaaan | 1200 |
| ttnggttnan | nttntnttct | tcantnttaa | nnngnn | | | 1236 |

<210> 4527

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4527

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgntttcta | anttgctact | tgttcttttt | gcaggatccc | ttttgacgnc | tttggcacga | 60 |
| gaaagaaagg | gctcgtgaca | gagaaagaag | aaagagaagt | cgttcacgaa | gtagacactc | 120 |
| aagccgaaca | tcagacagaa | gatgcagcag | gtctcgggac | cacaaaaggt | cacgaagtag | 180 |
| agaaagaagg | cggagcagaa | gtagagatcg | acgaagaagc | agaagccatg | atcgatcaga | 240 |
| aagaaaacac | agatctcgaa | gtcgggatcg | aagaagatca | aaaagccggg | atcgaaagtc | 300 |
| atataagcac | aggagcaaaa | gtcgggacag | agaacaagat | agaaaatcca | aggagaaaga | 360 |
| aaagagggga | tctgatgata | aaaaaagtag | tgtgaagtcc | ggtagtcgag | aaaagcagag | 420 |
| tgaagacaca | aacactgaat | cgaaggaaag | tgatactaag | aatgaggtca | atgggaccag | 480 |
| tgaagacatt | aaatctgaag | gtgacactca | gtccaattaa | aactgatctg | ataagacctc | 540 |
| agatcagaca | gaggactact | gttcgaagat | ttttggaaga | atactgagaa | cggcataaag | 600 |
| tgaagatcga | catttaaaaa | atgaggtgaa | agaaagctnt | tgtggcatag | aaaaagtntt | 660 |
| aagctcaant | agttttttta | ttattattat | tattaaaagt | tattcaggac | tgatgtgact | 720 |
| ncngatttna | gaacatgtgg | taatagtnta | nt | | | 752 |

<210> 4528

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4528

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgntttcta | anttgctact | tgttcttttt | gcaggatccc | ttttgacgnc | tttggcacga | 60 |
| gaaagaaagg | gctcgtgaca | gagaaagaag | aaagagaagt | cgttcacgaa | gtagacactc | 120 |
| aagccgaaca | tcagacagaa | gatgcagcag | gtctcgggac | cacaaaaggt | cacgaagtag | 180 |
| agaaagaagg | cggagcagaa | gtagagatcg | acgaagaagc | agaagccatg | atcgatcaga | 240 |
| aagaaaacac | agatctcgaa | gtcgggatcg | aagaagatca | aaaagccggg | atcgaaagtc | 300 |
| atataagcac | aggagcaaaa | gtcgggacag | agaacaagat | agaaaatcca | aggagaaaga | 360 |
| aaagagggga | tctgatgata | aaaaaagtag | tgtgaagtcc | ggtagtcgag | aaaagcagag | 420 |
| tgaagacaca | aacactgaat | cgaaggaaag | tgatactaag | aatgaggtca | atgggaccag | 480 |
| tgaagacatt | aaatctgaag | gtgacactca | gtccaattaa | aactgatctg | ataagacctc | 540 |

```

agatcagaca gaggactact gttcgaagat ttttggaaga atactgagaa cggcataaag      600
tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt      660
aagctcaant agttttttta ttattattat tattaagaat tattcaggac tgatgtgact      720
ncngatttna gaacatgtgg taatagtnta nt                                     ,752

```

```

<210> 4529
<211> 1017
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1017)
<223> n = A,T,C or G

```

```

<400> 4529
gntttcgaat gctgggagag cccgatngngg ctggnnngcg cccaannaag ccctttggga      60
aaganccgng cnggttgggn gagnggcan ggggnagnaag agganngngn gnggagngn      120
ggggnggcn cngtttagng acagacncng gggagaaaac gggggcgcg gncggagag      180
cgggnggann atgnagggga ncggnnagnn nnnacagcng aaagggncng naagngggag      240
nntaaggggn ncnggncncn anacncgagn gtangggcnn gncagagccg cngaaganag      300
cgannccgga ggcncggggn gnggggggca tggccgngnn nngngngnag ccnagtnagc      360
gggnagaggg nangggcgcg gggggagngg acngggggan gccnngcggg nggaatagna      420
gggggagggc nngngagggg gncggngagg gggannccnn gcgngggggg nagnggacgn      480
ganacgagng nggccgggga ncgggaggnn ggggggncnn ggggcccggg cnggganggg      540
gagngngngg gggangggan gggggggcan ccggnacngg nngggngngg gggggcaggn      600
ggnangaggc gngaggnccg cggnggnngg ggggaannng gangnggggg ggnccnnggg      660
ngngngggga gngagagggg ganagggggg ngagccnggg nnnncagggg gnanaggggn      720
ggngnnnagg nggcgngggg gagagngng ggagnganaa aagnganngn cggggnnnnc      780
ggggngngng gaganacggn gggggggcng cnggaaggaa agggcggnnn agaggngcg      840
nggggggncn ncgggggagnn cnggacncnn ggnggggcn nngganaagg gnnngggngn      900
ggngggannn gnnngngcgg gngnncgcg ngngnggggg ggngnggggn acncnggnag      960
ngnnngnggg ggcncagnga ggggnnacac ncncgggggg nnagnnnnnc gggcgcg      1017

```

```

<210> 4530
<211> 810
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

```

```

<400> 4530
ggaaaggggg ngnnntttct aaaggngcctt ttcaaatnct tggctactcg nctctangta      60
ggatcccatc gatgcggaat tgggccacna ngnnaggnag ggnntgcang ctggngtnt      120
cactgataca ngcacgcgng tatgcaaagg aaggaaggga gcttaatgcc angaacagat      180
nttgagttg gtggggtctc aataaangtt attttccact gaaaaaaaaa naanaaaaac      240
tngggcctct agaactatag tgagtcgtat tacgtanatc canacatgat aagatacatt      300
gatgagttt gacaaaccac aactanaatg caangaaaaa aatgctttat ttgtnaaatn      360
ngtgatgcta ttgctttatt tagnaaccatt ataagctgca ataaacaagt taacaacaac      420
anttgcattc attttatggt tcagggttcan ggggaggtgt gggaggtttt taaattcgcg      480
gcccgcggcg ccaatgcatn gggcccggta cccagctttt gttcccttta gtgagggtta      540
aattgccgcg cttggcgtaa tcatggtcat angctgnttc ctgtgtgaaa ttggttatcc      600
cgcttcacaa ttttcacacc anccattacc gagcccgga agccataaaa gtggtnaaag      660

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccctgggggg | tgcccttaaa | ttgaagtga | gettaacntc | cacaatttaa | atttgccgtt | 720 |
| tgcncttna | acttgccccc | gtttttccaa | ttcggggaaa | aaccttgtnc | gtnncccaac | 780 |
| ctgcctttna | attgnaatcc | nggccnnacc | | | | 810 |

<210> 4531

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 4531

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| ntngnggggt | gagggtctac | natnnagngg | ggctncncnt | gctctccgna | ncagnccggc | 60 |
| ggngncgaat | tcggcacgag | ccaagnaata | cctnggtaaa | tnttctaacc | tnatantgta | 120 |
| tncagggttn | atggctcatt | tagnttgaga | gtgttaagag | actggagttt | taatccaata | 180 |
| ngngtgccct | ttggttctca | gatatacata | caagctgtga | ttgttttagat | gtttccatct | 240 |
| ttttatatat | gcatatacat | attattattg | gtgtntttta | ttttnaggaa | ctgaaagaaa | 300 |
| atggtgaatt | gctgcctatn | ctgagaggag | aaaattaata | aatcttaaac | ttggtgcccc | 360 |
| actattgtna | gaaatatcta | attacattgg | gagcagntca | tgatntagtc | ctcagaaatg | 420 |
| gactaggaat | agaaaattcc | tgctntctca | gatacatgtt | ctgtgtattt | ncaatgtcgn | 480 |
| gctaaatnaa | tgtatgttac | atTTTTTTTc | ccnccanaaa | aaataannaa | aaaactcnga | 540 |
| gcctcttana | ncatagcgga | gtcgtattnc | ggnacnatcc | agacatgata | agataccntt | 600 |
| gatnagtntg | gnccaaccnn | acctagaatg | caantgnaaa | aaangcctta | tttcccgnaa | 660 |
| atTTTgngan | cgcntnttng | cnnaattttn | ntaaccntt | tttaannccg | ccaaattaan | 720 |
| ccnantttna | cccaacnnnn | ccnaatttgg | cnattccent | ntctnacngn | ttttccaagg | 780 |
| cttccaannn | ggtcggnaag | ntcttttnnga | aant | | | 814 |

<210> 4532

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 4532

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| ngaagnnnnn | nnnnnnngtn | ggctntctaa | tntcngcnaa | nngetggtct | actngnnntn | 60 |
| tccncantat | ccctnctaca | cgaatccngc | acgagcnatg | atgnanatcg | anatnnactc | 120 |
| tngttgatgt | atatatttta | ttnacactgg | aacagctcac | ncnctcanen | tcttgccctca | 180 |
| nnacctggat | ngatnnccgg | ccncatatga | gcaacttcat | tgacagaantc | acctgtaggc | 240 |
| ctgacagcct | naaanagtnc | cctttatttag | anagtantnt | gncnacttct | gatctgtnat | 300 |
| ctttatgtna | agcatgtnta | ttntgnacan | catatacttn | gantnctctg | ncctacngca | 360 |
| tatttctaag | tncctangnn | tataaattgg | ngtgtccaga | ncanccnnnt | taaatttang | 420 |
| ccngttntat | taataattga | ncctagatct | nntctaattc | taaaatnaat | cnatgtattn | 480 |
| cctgacctgn | tnTTTattca | atctgtttat | gggaaagcat | catgcancct | ttacaaatta | 540 |
| tntnntcacc | tctncacngc | nagctttctn | nntcnnnnnaa | gtnnngggcta | tctgantatn | 600 |
| gtccgcaccc | cttgacnnnc | tagntntccn | ttnaattatc | nctggataca | ctgtggngcc | 660 |
| tagttaaann | nccatncctt | tcnangtgga | atngnggnnaa | agcgccctnnn | ggggancatg | 720 |
| gantttcaca | aagcctcgaa | ngtcccacgc | ctngacgaat | gcaaattccn | angnttggtt | 780 |
| nn | | | | | | 782 |

<210> 4533
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (867)
 <223> n = A,T,C or G

<400> 4533

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|-----|
| nttttcnnng | ttgggngnnn | ngnnggggtt | tctaattgtng | ctaattggccg | tggctactcg | 60 |
| ttcttnccgc | acgcagnnccg | gngnttcgaa | ttcggcacga | ggtcctnntn | ntttnttng | 120 |
| nngctggng | gnaactctnt | attnnantgt | ccggnagaag | gatgggngtg | ngaacanggt | 180 |
| ggncnctgtg | cnngetncag | ctttcaactcc | ggnggggntc | natgctgtcn | nggnccgcac | 240 |
| gnactgccan | gnncacannc | ctggcctccc | gaggcangca | cagcaagtgt | gacgggactg | 300 |
| gaagcctttt | ncacgacctt | gnatgnctg | gtcacgtcac | agtcantggn | tgccactcta | 360 |
| caggctgttg | gggatggntn | ancaggggna | cactgtgcat | nactaacagn | cacctgngta | 420 |
| tgtgntgcnt | anatcccggg | nctggnnnaa | cctcngctg | ntcccatgca | ccacaagact | 480 |
| gccantgtng | anttgentga | ntccttctg | cnnnttttcc | ancnatgana | anctcctccc | 540 |
| tgcggttcnc | nggaccngtg | naanantccc | gaagcccctt | ngcatggcnt | nggnttggtg | 600 |
| accnccccgg | cctttananc | ggcctcnc | ctanacggct | tgntancccc | nnttctacna | 660 |
| tcccnggctc | nttcnncnnt | ttcnttcata | aaccgcctgc | gtccttncac | ngtcggnttn | 720 |
| ctcggggnc | ntnccctctn | ntggggngnt | tcccnccct | cctcaaccct | ttngncccc | 780 |
| tggattntac | ctanngtcc | cttnaaattc | tnnccaacg | gccccnctnc | ccnccgccc | 840 |
| ngncttnenc | cgtntnactn | acnnccct | | | | 867 |

<210> 4534
 <211> 1038
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1038)
 <223> n = A,T,C or G

<400> 4534

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|------|
| ncccccttct | gtagnccnnn | ccannngnnc | tttctaaten | nggngngggcg | ctgganatec | 60 |
| naaanagacn | ngccggggcna | nttngggggcg | aggngngng | ggggctgnnt | tgnnctnnaa | 120 |
| antgnnngta | tcagnacntt | cnacgcntcn | gancccgncn | ccatantang | ggccnnngnan | 180 |
| accctggcca | acanntngcn | ccaccatgnc | tnnccccnc | ttgacattnt | nacnacnnn | 240 |
| ctgaancnnt | ccnccctncc | ctaccctacc | accnctgct | cnanntacan | gcttnagnnn | 300 |
| ctnccgctag | ncntgncnnc | cntntatcnc | nanagnact | aactcnnttt | nnaccagnan | 360 |
| nnnacnncnc | nactctgcct | nccatcggtt | ancctanntc | tactcnacga | tacnncnttn | 420 |
| acctcatca | catcattctc | tccctgatnn | ntnagtnncc | caaactacnc | gcccnaacag | 480 |
| nctgtgcntt | ggtnccccaa | acnncnncat | gncnnnaaaa | ntcttnncnc | cnctnngcca | 540 |
| nnccaccncc | naaccctnac | cntatttcc | ntctccctnc | naanaaacgt | taaaccnccc | 600 |
| taaaanattc | cccctatccc | cnnaaanenc | ntaccacctc | nnccgcnccc | acccccncc | 660 |
| cgnngacana | anatctacct | tccgncacna | caaaccctac | ctccanttnc | ncncacnanc | 720 |
| aatntncaac | tttanntcna | acctnnnccn | tnctanntcc | cccttccnca | nnccccatt | 780 |
| tncccttcaa | aanctccctt | ancccnnaen | tctccccctc | ctaactaata | tctctctctt | 840 |
| gcacantcna | ccntctaatc | atencaccac | tnnncatnca | ctccttcaat | ataccntttc | 900 |
| tcttcnnaaa | anttncctn | tnencanatt | cctntcnntt | ctaactctct | cntctctctc | 960 |
| cctnnancac | ntctctctca | ncggtctatn | ccacttctct | ntnctctact | ctcttccnca | 1020 |
| nctccaaann | ccaccct | | | | | 1038 |

<210> 4535
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4535

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| tccccaaaaa | aagaatcatt | nggttttga | aaagaatacn | nantcagnaa | ctnttcnggt | 60 |
| gtgtggtgaa | aatgtcaccg | tgtgtggnat | accctatctc | ctggctacaa | gacctgattg | 120 |
| aaaangaaca | gtgtccttac | accagtggaa | natgagtgc | tcaaagactt | tgatgaaang | 180 |
| gantntcang | agttgnatga | gctgcagaag | aagttaaata | ttaacatttc | cctggaccat | 240 |
| aagagacctt | tgattaaagt | tttngggaat | tancnttaga | tgtgatgcag | gctanagatg | 300 |
| aaattgaggc | cgatgatcaa | gagaagatnt | gattggccaa | aagaaccagg | aatcccggnc | 360 |
| cagattcgtn | ttnantgant | ttataggnat | ggcancnttn | atggacnaat | aaacacttct | 420 |
| tcatttgttt | nttaacnaaa | ntgtncccnn | ttttgaaact | cnttngggat | gccanagggg | 480 |
| aggnaaaacn | ntaagnccctg | tttcccccaa | aaccngnant | anancggtnn | gtganaatat | 540 |
| ntataattgg | tngtcctttg | nnttctcttc | nngngngngc | anaaaanant | tntttggncn | 600 |
| ntgcgntgtg | ngcncctttt | cnaaaatctt | ttgattngcg | gagngngnna | nnnctctaa | 660 |
| ntgnntttcc | gtccctttga | cncngaant | ttgtgggnnt | ttgggggcca | ttatnataa | 720 |
| ttttttntna | gntcgggtggn | aaaaatagnt | cnccttctng | nnaaaaanata | cnttctttna | 780 |
| ggntntnaaa | aaccnannnt | aagnnngcgg | ttanaaannt | gtnaannact | agagnntnnn | 840 |
| gnatncttnt | tgtnntatnt | annnnnnngn | ttngncnggn | tnaaanttnn | gccnctncnn | 900 |
| atnttantnt | tatntaatcc | ttntnnggan | nn | | | 932 |

<210> 4536
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4536

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| atacactgac | cttgcccgt | catctgcgag | atgaccctgc | aggaatacca | ctatgtccag | 60 |
| gagaaggctt | ccaagctagc | tgctgcctgg | cttactcctg | gccctctaca | tgaagaagct | 120 |
| cggatactgg | gttcccttcc | tgagacatta | cagtggctac | agtatctctg | agcttcaccc | 180 |
| cttgggtcaga | cagctgaaca | aactgctgac | tttcanttct | tacgatagtc | tcaaggctgt | 240 |
| gtattacaag | tattctcacc | cggtcttctt | tgaagtcgcc | aaaatncctg | ccttggatat | 300 |
| gttgaagctg | gaggagattt | tgaactgtga | ttgtgaggct | cacggcctgg | tactctacan | 360 |
| cagccacagg | gctaagcatg | catgttaaca | gggtatat | attctatgtt | cgaatttgtc | 420 |
| ttttgatcgc | tcanattcat | tttnoctttn | nttgcttttc | ccaaactgnn | aatggtataa | 480 |
| atatctatgt | ngcttggttt | tatgaaagga | aannaaattg | gcanatttga | ctncaaattt | 540 |
| aattanaaaa | ttnatgggtt | attgggttaa | aaaaaaaaaa | aaaaaaaaaa | ctcgancctt | 600 |
| tttaaaacta | taaagaggte | gnaatanccg | ggggnggcng | gaccatggan | aacaaacatt | 660 |
| tnctgaagn | tnccggccaa | accncaacgt | ngnatggcaa | tngnaaaaaa | aanncttnt | 720 |
| tttgggaaaa | nttggggang | caaagtcttt | tattgccanc | nttttnaaac | tgccaataaa | 780 |
| caagtttacc | cccncaatn | gctttcantt | tatgttttnn | ggtcngggg | gagggg | 836 |

<210> 4537
 <211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1039)

<223> n = A,T,C or G

<400> 4537

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| atggnnnnnn | nnnnnnntttt | ttttggaaaa | aaannnncccc | ccctttttttt | ncctnaaaaaa | 60 |
| attgggcent | tttggggcaa | aaantttngg | ccctncttcn | tnctttgggn | tnntgnnnat | 120 |
| ncccccnatt | cggggnatttt | nccggaaaat | ttccggggcc | naccgggnagg | gggnattagg | 180 |
| ccctttnana | nagncccaaa | nggtntntta | cccaaagggn | tataattttt | aaagnnatgg | 240 |
| gggnaccagg | gtgtntngcc | ccaatttagg | aaaggggaaat | ttntctnaa | atnaagttgg | 300 |
| gggtntannt | ggccangtgg | ttacctnggg | gcattnggna | aatatnttct | tgggaacttg | 360 |
| aggtntaaac | tgggaangga | gnagccctna | aacctatagt | aacttcant | ccccacaagt | 420 |
| atactagaat | tngtgcatcc | tcgatttata | ttgcaagngt | ntcaaangtg | tcactggnac | 480 |
| acaaatagaa | acactgccaa | cttgggtgtaa | cttaagctnn | catttaacta | aaacattntt | 540 |
| ttcttgcaaa | acttatttat | tcgatgatcaa | ttttntgggt | atntattata | ctttgattcc | 600 |
| taaattagtn | catccttgaa | tctatgaaac | tgggtgcagtc | attatgcccn | naaatnttct | 660 |
| naaaatatat | taatgggtca | ccttnctgnt | caaaggggtg | gtgcaanggn | cttgagcat | 720 |
| tnntacatnt | tgtgctttgn | tangaaaatg | taaactctna | ggctccacaa | nttnactttg | 780 |
| ctgcattttt | taacaaanaa | tcccaangg | gatatgtaat | gctcataana | aatttgggac | 840 |
| anctgggttc | nantggaaaa | angggntctn | aagggnatgg | cataaacttg | gtggtnccgg | 900 |
| tnangntttt | naaggecttt | tccaacttta | nannnnnttc | tgattttgga | antnttccan | 960 |
| tnngntntaa | naacctnnnt | tatatatcna | anattagggg | cccttnaaaa | aaanncttat | 1020 |
| ttnnngctagn | aaacntnc | | | | | 1039 |

<210> 4538

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 4538

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| ctnnnccctc | ttgatcentt | cctnctttga | anncatnngc | tacttgttct | ttttgcagga | 60 |
| tcccatcgat | togaattcgg | cacgaggctg | acctacatca | gaagctgctg | gatgcagnaa | 120 |
| agtgaaaaca | gaccaaaca | acacngggcg | aatcttnaca | ccattntggg | tgcennatnt | 180 |
| nnccnnngat | atttgcttgc | tnagctctac | tcctccaaga | nannangnnt | caaacnctnc | 240 |
| agcangntag | agcanntnaa | gaccgcntnt | nctnacctnc | tnaagannct | ctgngaggan | 300 |
| cgcaatcctt | tngtggaana | tagaatcaac | agaccacact | gcnetctgga | ccatgngctc | 360 |
| tcaaangngc | tagaagggtg | tgaccttttn | agactcttgc | agaagaggcg | angtgggtgng | 420 |
| anacccttna | ggaanacttt | cccgaactag | accnncnctt | ncngaacnng | ntcaactgtt | 480 |
| ggggnggaaa | ncntgtgann | tgtnngnctt | cngagagacg | gcataattcta | tgatggcnga | 540 |
| cttnatnctt | ctgcggaacc | anactngacn | tactgaaaga | aanctganac | caagcgtctt | 600 |
| ccttaaggac | ccttatatcc | agacnatcct | ttggataata | ccnctngggc | aaaacctnnt | 660 |
| aactntgcat | acaatcngga | tggcaacatt | tgaactggng | gccttnanna | ccnttaccgg | 720 |
| cttttncat | tatgnaagag | ntn | | | | 743 |

<210> 4539

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4539

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ccnctatttg | ccnnnacat | ggggnttttc | caccccgntc | acgtgggtggn | cgcccanncg | 60 |
| nacnagcang | agcctacnan | tcggaacata | tcgcctttat | ngtctttaac | anaganntnn | 120 |
| ntnnntagnt | cnattcantt | atnaccagc | agatccttaa | tnnaggcccn | tatattnctt | 180 |
| acctnattag | aactntnnnc | aaanntcaac | tgnntnacct | taatgnntng | nagcacntnt | 240 |
| nacagnngna | cttaaaactn | tanaatntcn | tnagnnnncg | ttattctcca | ctgaaggnet | 300 |
| ntccactgtn | caccatttca | ngcatcatca | ctatgattct | ttcancanga | ctntggcncg | 360 |
| gnttgncact | gatctntnnc | cnaatggcna | acnagctgna | tnntcnnttg | gnctcnctta | 420 |
| taggaacnan | caacactagc | ctactgnatc | atgatntccg | anaactgaac | catgaacact | 480 |
| gccatctnnc | catgntacct | gcatnaagaa | nttcacntca | ctctgaaaca | tannatgact | 540 |
| gacntgganc | tnactaattn | ctgagaactg | nnnntcaaan | nacccactta | atngggntca | 600 |
| ncatnttggn | acncttgnaa | tntaanntna | nnnaaagacc | nnnnttgant | ngcccnctt | 660 |
| ttannttngn | ccataataan | ngngccacnn | ncctnaannt | cttcaancan | gnaaaagntt | 720 |
| ngcaacttnt | tacnacctct | ncttccccnc | tnnatctaan | atncnnnata | taccacttan | 780 |
| cccagaatan | ctacncccaa | nccanncant | caccncccca | cnattttatc | tcacanttcc | 840 |
| ncantccct | | | | | | 849 |

<210> 4540

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4540

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| gnnnnnnncnn | cnnttgggng | nttggtggggg | nttttnaatg | ttgcnaaaan | gcctgggtac | 60 |
| tcgttctttc | cgcaanancc | ntcggttcga | attcggcacg | agggagacca | tgcaaagcct | 120 |
| gaacgaccgc | ctggcctctt | acctggacag | agtgaggagc | ctggagaccg | agaaccggag | 180 |
| gctggagagc | aaaatccggg | agcaacttga | gaagaaggga | ccccagggtc | gagactggag | 240 |
| ccattacttc | aagatcatcg | aggacctgag | ggctcagatc | ttcgcaaata | ctgtggacaa | 300 |
| tgcccgcata | gttctgcaga | ttgacaatgc | ccgtcttgct | gctgatgact | ttagagtcaa | 360 |
| gtatgagaca | nagctggcca | tgcgccagtc | tgtggagaac | gacatccatg | ggctccgcaa | 420 |
| ggtcattgat | gacaccaata | tcacacgact | gcagctggag | acagagatcg | aggctctcaa | 480 |
| ggaggagctg | ctcttcatga | agaagaacca | cgaagaggaa | gtnaaaggcc | tacaagccca | 540 |
| gattgccagc | tctgggttga | ccgtggaggt | agatgcccc | aaatctcagg | acctnccaag | 600 |
| atcatggcng | acatccnggc | ccaatatgac | gagctggctc | ngaagaaccg | anaggagcta | 660 |
| gacaagtact | ggtctcagca | gatttgagga | gagcaccacc | agtgggttacc | acacagtctg | 720 |
| ctgaggggtg | gagctgctga | gacacgcttc | acagagcttg | ngacgtncag | tccaatc | 777 |

<210> 4541

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4541

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| anttttanct | tgacccttc | aannangatg | aacataaagc | tcttacgttc | ttgaaaggat | 60 |
| naaacacaag | aataagatgg | ggtncagtg | accagctcct | ctacctgggg | tcatggagga | 120 |
| ccgaagaccc | tccaaccttg | atgcctgtaa | ggacaggcgc | tnctgtaagg | gatcagggtg | 180 |
| aaagaatctg | gccatagctc | ctgtacaaag | cctctttgtc | tgaagtactt | gggtgctctt | 240 |
| tgacggcaag | agggaacaca | acctgtccgt | ggctgcttgg | acctcaccac | gggggctcaa | 300 |
| gtggacataa | catctatttg | acagggcctg | gcantcacca | ntgggggtgtg | tgtggcagtn | 360 |
| gctgtggggg | gtgagaatga | ctgccaacag | gcacttctca | acaaatgacc | tnctgttttn | 420 |
| acattggccc | tgaaccaggg | angaaagnag | agggaccaat | tggaagcctt | tgttnccanc | 480 |
| atttccttct | taaaaaagg | gaganacaat | tttaaaggca | cngttgttat | ggaatttggg | 540 |
| aattaaaagc | aggaggcttc | aaagggtggg | tttcttgann | tnaaaggaac | acaancccg | 600 |
| ngggggcctt | tgnggggttc | naccannag | nccttcctt | ggggcangan | ancacncaat | 660 |
| ttngtnncc | nattgccatc | nnatttattt | gccccctttt | ttnantannt | tggttnccca | 720 |
| agaaattaaa | tnnntggtnt | tattaaattc | attttgttng | ctttnttttt | tggttcggga | 780 |
| aagntntttg | cntananacc | cccccaaaa | gaataattga | attgggggtg | ccccttgcan | 840 |
| cctatttgat | ttnttttaan | gccctgtnaa | aaangncttc | cccancctt | | 890 |

<210> 4542

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4542

| | | | | | | |
|-------------|-------------|------------|-------------|------------|------------|-----|
| ngggntcent | tttngaaagg | netctctttt | aagacccttg | ctacttgntc | tttngcagg | 60 |
| natcccatcg | antcgaattc | ggnnccaggn | tggccaggan | ggtctnaatc | ctgancctca | 120 |
| ngaggngng | gantgagttt | nagaanngcc | tgtcgnangg | agatttgggt | agaagccctc | 180 |
| atgctgagct | ttgtgtccct | ggtgatgttg | gaacattaat | gatggaacat | ggccaaactt | 240 |
| cagtcgatgat | cctgaaacca | tggcttcagg | atcatgactg | acgtcatggt | ttcttccttg | 300 |
| ccagaaatga | aggttcagtt | atgaggcaac | cctctagtaa | ggcattgtaa | aagttactgg | 360 |
| atttggttta | ataaaaagttg | aaataaagtn | anataaanatn | aaanaaaaaa | ctngagcctn | 420 |
| tanaactata | gngagtenta | ttacntacta | tccagacatg | ataagataca | ttgatgagtt | 480 |
| ttggacaaa | cacaactaga | aatgcagtga | aaaaaangct | ttatttgtga | aatattgtga | 540 |
| tgcctattgc | cttnatttgt | acncattntt | aagctgccat | anacaagtta | tncaaccacc | 600 |
| nanttgcntt | cattttttatg | ttttcatngt | ncatgngnga | ggntttgggt | aggtttttta | 660 |
| atttcncngc | ctntngctcc | cantngnatt | ngggccccgg | ntcccnanct | tttngttccc | 720 |
| tttacttgng | ggggtaaatg | ccnccctttg | gngnnannna | tggnnctacc | | 770 |

<210> 4543

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (861)

<223> n = A,T,C or G

<400> 4543

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| tngntntnnn | naaagnngnt | ctnctctana | gntganntg | ntgntgaacc | cactntcccg | 60 |
| cannaancnn | gcgngncgaa | ttcggcacga | gcctantacn | gtagncttgg | agcatcacga | 120 |
| ttttttnnna | ngcntgcac | agtatactgg | aggacctnct | ngcnctgcng | gacanagacg | 180 |
| tcnacagaa | tnnngaaaac | ngtgcctcagg | actanannct | gaccaacacn | cgtgcacana | 240 |
| agcaaggaan | tagggcngga | nancnantnc | ngnggcntnc | agctctgncn | cgcannatnn | 300 |
| gntanctnnt | gacttanctg | ganancaatg | aaggnnctna | accaaagtnc | ccanggggac | 360 |
| atnganaaat | agcacnangg | gccttgatn | ggacnntacn | cnntnccnaa | cntggntnecg | 420 |
| ggngtgnnac | cntgggaaag | gagccttctg | catnnncnnn | cgccttacc | atgancnecn | 480 |
| ctntaccang | gctntgcccc | ctgagccaan | cncgctgggt | ntgctgcnaa | ngnaanaanc | 540 |
| nanntctnna | gatattggacn | taaccttgca | aatntanaaa | ncttgccaat | ttcnattttg | 600 |
| ccangatccg | ncnannccac | aatnctcct | nnaanagaat | cnccacncc | ccnccnagaac | 660 |
| ctcngnaaaa | cattnnngnc | nccnctnng | nagctacaat | tnnctctcan | cctagganac | 720 |
| cncnntcget | atgcncnccn | cttaccaan | ctanttcnnt | cgnancttac | ccnnntttac | 780 |
| ccntnnggca | tttccccn | accttgnat | ttnanntatt | tccttcnng | ganatgcaat | 840 |
| tctcntgngc | acccaacaac | c | | | | 861 |

<210> 4544

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 4544

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tgtgngtget | taagcagatt | gctatgatgc | atgtccataa | aacagntttc | tttctgttct | 60 |
| attgtggagt | ttttctgggg | ctggaaaaca | ttcttttggt | atttccaaac | actgtctata | 120 |
| attaccagac | atgatataaa | cacataaggt | gccaactgga | atttactcta | gaggggactt | 180 |
| tcctctcag | acttccagtc | aactcacact | tgtgcaacaa | agtgcattgt | gtcccctaaa | 240 |
| tatgcaagca | gaactgtgtt | tctgcctatt | tggtatctat | agtcctctac | agtcacttct | 300 |
| agagagacta | aaccaaattt | ctaccaactt | cacagggcaa | caatcaatag | ttttatctca | 360 |
| atgactcttg | tatcttcaga | ccttaaactg | attcagagac | catggggccc | acaaacctaa | 420 |
| tcaagagtaa | cgttttcatt | gagtacacat | ttcagacatg | agaatcttca | ctttccctt | 480 |
| ttttctcttg | gtaaaatgtt | cacaaaatgt | gcaggtaaca | cctgctgggt | actncagcca | 540 |
| ttcgggcccc | taaatctgca | gctcttcatt | ttggatctag | gtcttgagaa | tttgggaaat | 600 |
| agaaaaattt | ttatctaaaa | atgcaagtct | tttgggttat | caaactcaga | cattgaaaag | 660 |
| aaaagngcag | ttacgccttt | ctnctcnttg | aaanatgnat | tcattctnttg | gaactgggtc | 720 |
| acttttggcc | ncaagttgat | gtntattaaa | ctggatattc | cacattggac | actggatctt | 780 |
| atccctaaac | cataatgana | tatgtccaat | cnt | | | 813 |

<210> 4545

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (960)

<223> n = A,T,C or G

<400> 4545

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tgggttttca | ggngccccctt | tnaacgggn | gcggcctttc | gcctnnncgn | aanagcccgn | 60 |
| gcgattcgna | gacngcnnga | naagtgnenn | angtnncttn | ntnatggtga | ggactttatg | 120 |
| nanctgangn | cantncnngn | cntgantatt | ntcnncnnnt | ggnaagatng | cacgtgtntt | 180 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| ancctgatgc | cagntggngn | tatcccntnc | nnnnntntnt | nnntcacggn | gaacnnnata | 240 |
| natngannag | aatggnatca | gagaaggata | ctcactntgc | tctcacngat | tagcggcgat | 300 |
| tngcntgate | nengctgnca | tgnaaccnt | atctctgngn | ttcangcgac | tgannngtga | 360 |
| ncaccncccn | netagntggn | acnnatnnc | ctcctnngac | tntccngcaa | cntntntnn | 420 |
| ctntnagngn | gtnnngnnn | ttncaccggn | nnnnccnncn | ttngnnncna | tncttttnac | 480 |
| cccnnttgge | nccacannan | ctncctttgc | cataaannct | ttntntntacc | atganngnga | 540 |
| ttncncnctt | ttngnctnna | tcnctntna | attcaatncn | tanncnntta | tcnncnttt | 600 |
| tttctttgnt | ccnttttnct | gnngnantngn | ctgggaantt | ttggtntecn | cctanntnga | 660 |
| antcngcctt | aanatccttt | gggtggacnt | tgggcangnt | tcttctnngg | gaatcccttt | 720 |
| ttnatggaat | tggccttnaa | ggccnnttgg | tcttcttgg | caacctnngg | ggtnggcct | 780 |
| aaaatgggce | cctnaanttn | tttanaatnc | nnnnnnantt | actnttttcn | ncctccaacc | 840 |
| nntttaccgg | gttgggctct | taacccccag | gntgggaatt | tcaaaatttt | taaggnttcc | 900 |
| ccatttnttg | gaaaacctta | ntttngggac | cccccattn | gggctnccna | ttttnggaat | 960 |

<210> 4546

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4546

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| tnttnttgga | aaagggcagt | gtctctaaac | ccaggcaaac | ggtaaatgtg | gggcatanca | 60 |
| agagggccgg | gtagtggcca | cttncccatc | atgctcgntt | ctcattttgt | gttttttagt | 120 |
| agaaaaacac | aggggtgttct | tttgcccaga | cattaatctt | tagaatgcct | gtnttttcta | 180 |
| atgttgggat | ttctttcaca | accaccacc | ttaatatttc | cattgngact | caganaatca | 240 |
| gacttcattc | gattctntag | agaactataa | atactgttgt | cagtagaagt | gaantcttgc | 300 |
| ttatgtaate | ctaattcaga | atgtgttctc | agaagaggta | ggcnnggacc | anactgggc | 360 |
| nagaccacag | gcagaggcca | aatccncccc | cctgcgnta | gnagctaata | tnagttttac | 420 |
| accacttgt | tcatgtattt | tccttggtta | cttgtgggca | gcaatgccag | agtcaagtca | 480 |
| tcataacaga | nacagaatgg | cctggaagct | ggatttacta | tttcaacttt | tacattaaaa | 540 |
| cttgatgacc | cctgtgctag | acaggcagct | catttctgcn | ggtaaaaatta | tatttcatct | 600 |
| tccaactttt | catttccaaa | atttgaacct | atattactgg | aggcccctta | cnnaagntaa | 660 |
| anttttcatt | nttcttttgg | ggggaaannc | tncagaaaaa | nccctnngcc | cntttaaaaa | 720 |
| cttnnatgng | ggtnnnttac | ccntgtccca | cnctggaagg | tcctnngggg | nttngggcaa | 780 |
| anccccacna | nnngtgcccn | gaaaaaatgc | tttttt | | | 816 |

<210> 4547

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4547

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| taggagtctg | aaggcctcgc | tgctttctgt | gatggctttg | cagtaagtgc | cgcttggcct | 60 |
| gcatgcattg | gctaacaggc | tgagaatgg | cacngaagga | ctcgctcgag | attgtcatgg | 120 |
| ccagagatca | taggtcactt | naggtagcaa | gacccctgnc | aaactgggca | cttggcctat | 180 |
| gtactgattt | gtgggatgg | ggcaggggtg | tggggctcct | cacctgcct | gaattctctt | 240 |
| tggtctctgt | gctctgtatg | ctgctgtccc | caagggctct | ttcttattat | ggcagngagt | 300 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggggattggt | cctactttct | ttctctggaa | anggaaagcc | tccaagactc | catgtgcttg | 360 |
| ggcagcttga | gaaggcggtc | ancaccacgc | ctagcaggca | gaccttgaag | cctcaccttt | 420 |
| antntatctg | caagaggtat | tcanttcctg | gcacaaggga | ctaggggcat | gtanagtata | 480 |
| tgacgaggca | atatggctgt | gcnggacctt | catttaactt | caattaatag | ggaaaaatta | 540 |
| ttatactcta | tagatcctga | aagggttcta | agattaaaaa | catccttatt | aaaatcttct | 600 |
| aaanaantct | ggaaagaaac | acctaatact | naaaaggctt | gttnaaaaan | ccacagngat | 660 |
| gggttnttaa | gaagcaaacn | ccncagcatt | tccatttaag | taaaaactaa | ccaaggcagc | 720 |
| ttttatttaa | gaagngtccg | gccttctaac | cctgcacaag | ccnatgagga | catatggaaa | 780 |
| atattt | | | | | | 785 |

<210> 4548

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4548

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gngcagctct | tggtcttana | gncaggctac | ttgttctttt | tgcaggatcc | catcgattcg | 60 |
| aattcgcccc | nagctgtgng | ggacacattc | nnactgcggc | aggacntgtn | tgctgncna | 120 |
| tcacnttgac | ttgtaatagc | attaatnntc | aagcgattga | tntatnataa | nngncattct | 180 |
| agcatngtnc | atggcngann | nentcctggn | anatgntaac | ggtcttgcn | nctgatnctt | 240 |
| ctatctgnac | tgggtctctg | gcangggcct | gatgnatngt | anatactcgn | tangtatcnn | 300 |
| ttnngttntc | nggggntctn | tcatgnnnng | natnnnagca | cccangaggn | actacactnn | 360 |
| caagaaaaaa | tggtngnctn | ntacngagct | gtnaagaacn | ntggaacntg | ctatectgan | 420 |
| gccnctnaac | ttcatcatgg | gatgcctanc | ttgtatnnat | gttncnttnt | gnntaaccce | 480 |
| atgatctgan | tntggacact | aagancnntg | tcatnggctg | aggnggctnt | gaagngnact | 540 |
| cnaaattatg | acnctgggat | ntaaacgggtg | ctcacattgt | cttgnanggn | antttttcaa | 600 |
| aaanggattt | ncgccttttg | gnccentggg | aatttaatag | gcaanaagtt | ttggccntaa | 660 |
| ttgccanang | anganancct | ggantgctaa | ngaacggcnc | tnttgccctn | nggatggnc | 720 |
| cctaacttna | aggg | | | | | 734 |

<210> 4549

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 4549

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| tgnggggcna | ganacccgnt | ngggctgcaa | gggcccggctt | gaccnncagn | atnccggggc | 60 |
| ananatgcct | gtcnagncnn | caaaggaagg | ttgtnnccgt | ttacgcctat | tggtggaaaa | 120 |
| aancccnctn | tngaaggctc | atcctcaaan | ngcnntnngc | gttcncccg | ctggccggtt | 180 |
| atncaccnct | gggnaagagg | ganttnattn | nacccgctct | tttttanaag | annnnaaagg | 240 |
| ttcngcatnn | tggggcnnnn | gnncacactg | gctttgaana | gcnanagctg | agtgcacatc | 300 |
| accagatnc | aaaatggtna | catgtcaact | gtggccgaaa | acngggccgc | actgncccat | 360 |
| ccgetctten | ggagnttgtn | ggccctttat | ncgcacnaaa | ttgcagcctg | ccggatactg | 420 |
| tattcacaca | ggctntgagg | ggggagggat | tgtnntcaga | atgcattaag | cgcnttnaat | 480 |
| agcctgcntc | ngttgctttg | tcaantgggtc | ttnacatgaa | tgcccgtccc | ctgaatatcn | 540 |
| ngtaatcatc | tatcnnacct | gggatcgcaa | nncgttaaaa | canaagggca | agtgcaggng | 600 |

gtcgtactgn gnaagagctc c

621

<210> 4550
<211> 971
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(971)
<223> n = A,T,C or G

<400> 4550
nccncttntn tntagggngn tngtgggggt tttcnaatnt nngctaagtc tgggctcntg 60
nnctttntgc aggtatccca tgcattcgag ngatgcactg ngantacacg cnctaaaaat 120
cgcagtcctg gccanaagac gttatggnga ttgtgagggg ctgggggnnt tggctcctntt 180
tnaggggctg tnnngactca aatcggtgnc tggtttcaca catatgtgtt gggttggtgt 240
ncaacttctt tatctganaa cnccagtgtt aaancattga tgnactgac caatctaaac 300
taccatcttg anagagtngc anctgaaant gatgcgatag gcgtgncaag tatctgatna 360
cttcttttnan gcatacgna naantgtatg ccngttacnc ttgnangata cctntgctnt 420
nacaggntca gtatntatca gtngnagac aaacacatga acacattcng atanggetta 480
tttcacacag ttgaagtga tgatntccc ctggagtgtt ctgntanata tgnncngcc 540
tntangggna aaanaacccc aactgcttc tntgaccacc ccnagcctnt nttnncntan 600
taatattttn tncannngng naacgtnnnc naccgcctnn aatncctnnc cntcgnagg 660
naaaanccca nttnaananc gncattnnnt tgcactcccc ctcnnnnact caactnaccn 720
aactgggcn caannccctn gnnncacaac cnctttntnt tntctcacng ggaatcgga 780
atnctgcaat ttcctatccc tggnccttaa aanattana tctccggnc ctatcnnttg 840
taagntcaen antctcctc nntancaaan cnanacnnc annttttnnc aaatcctten 900
tnncncnca nnncnngng cacantntnn cngtgnenna actcntnggg gcnnatntnt 960
cncncnctn t 971

<210> 4551
<211> 791
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(791)
<223> n = A,T,C or G

<400> 4551
tttgaaaacc cntttntttt naatcctttt ctttcaaatg gttctngttc tttttgcagg 60
atcccatcga ttgcgcaatg gatgcaggna aaactgagat gggatttccc caggttgccc 120
aggctgggtc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg 180
tgctggctg agatgacttt taaaaaaaga cttctctaaa gtagaaggaa gggtggaatt 240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gagggtcaatg 300
gcgcgatctt ggctcaccgc aacctccgcc tcccggttc aagtgtattc cctgcctcag 360
cctcccaggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt 420
agtagagacg gagtttctcc atgttggtca ggctgggtct gaactaccga cctcaggtga 480
tccaccacc tgggcctccc acagtgtgtg gattacaagc atgagccacc gcgcccggcc 540
tncctgttcc agttttctat aatctgttca tattatatte tgggtatatg tgggtggtgt 600
gattatccat gtgggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt 660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcagggtacc 720
aatcttaaaa aaaacttant tcatttttnaa aattaaacnt taaaatttnc caattccatt 780
tnaacattaa n 791

<210> 4552
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 4552
tcnttcagtt attcggttcag ctcccttgntc tttttgcagg atccctcgat tcgctcagct 60
cttcgcggagg ctgaggcagg agaatcgctt gaaccagga ggcagagggt gcagtgagcc 120
gaggttgccg cactgcactc cagcctgggt gaccgagtaa gactgtctca aaaaaaaaaa 180
aaaaagaaaa gaaattgtcc tttgggttgc ttagttccag agttgaatga atgtacacat 240
tcngtagtgg ggggggcaga ccggataccc ctcccttgctc tggttccttt gaaaaaggac 300
ctccaccttt caaagggtact taaagccatc ttttacagat tgcttgtaat gtaagggaaa 360
agaagtcatt gtnctttggg attggattgg agggnaaaat catcaaccac tagccccctt 420
ttcaaaatca gcgaagatat ttngatgatt aagtgttca ttgggtatgt tctgggtact 480
gatgttactg aaatctgcaa tcngtatgn tttttaatta gttgcttttg tatttgaatt 540
tatgacattt cgaagtttct gngcttaact ctttttaatt aattttctgc acgtngcttt 600
tttctctttg gttttaattc catacagagt attcaattct tgaaaacaca ttaaaaaataa 660
tttgcttgca aaaaaaaaaa aaaaaaaaaa ctcgaaacct tanaactata gtgagtcgtn 720
ttaccgtana tcccagaccn tngtaaaatt aaaaaaaaaa t 761

<210> 4553
<211> 1281
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1281)
<223> n = A,T,C or G

<400> 4553
atTTTTTaaa ntttnggggn naaaaatttt ttcttttttt tgggtccnaa anattctttc 60
cgggccattg gcccccttg gcccagggg nttncggga aaccttcent tnaggnnnng 120
ggggaaatcc cccccgggg ggnggtttta cccnggaaa ggccctnccg gnaaaaattt 180
tcgaccccc nttaatnaag nttnttttt ttcnnttttn tttaacaaaa tttccnact 240
tggggncccg gttccggttt ttttaaacna aaacggntcc gggnggaact tgggggaaaa 300
aaaccccntn gggnggttta ccccaaactt taaaatnggn ccttnggcaa gcaacaattc 360
cccttttong ccagcttggt cggtaaaaaa cgaaaaaggc ccgnanccga atcgcttttc 420
caaacagtgg ccaancctng aatgggaaan ggccccccc tgtaacngna ccataanccg 480
ncgggggttg tgggggtaac ccccaaccgt gaacngttaa nntggcaagc ggccctangg 540
cccgttcctt tcngtttctt tccttccttt tttcggcaac gntanccggc ntttcccent 600
caagnattta aatcgggggc tccttttang ggttcngaata taagtggctt taacnggcaa 660
cctcgaaccc caaaaaactt ggatttang gnggaatggg gttcaacggt aantgggggc 720
caatcggncc cttggaataa gaacggggtt ttttnggcc ccttttgga ccggnntngg 780
gaaagtncce aacgggtaac ctttttaaaa taaagtnggg gaaccttctt ttgggttttc 840
ccaaaaacct tgggnaaac naaaccaacn tttnaaancc ccttaatcn tttggggggn 900
ccttaatttc nttttttggg naaatttttn aaatnaaaaa gggggggaaa attttttttg 960
gnccccgnaa aatttttccn ggggnccct naaatttggg ggggggttaa aaaaaaaaaa 1020
aaatgggnaa agnccttggt aaantttttt aaaaaccnaa aaaaaaaaaa attnttgaaa 1080
aacgggcccc ggaaaaantt ttttttnaaa aaccccaaaa aaaaaattng gtttttnaaa 1140
accggggccc ttttttaaac naaaattttt tttccccctn gggaaanggn cccngggggn 1200

aaaaattttt ttttttnatt tcnccccntt ttttnaaaaa aaaaaaaggg ggggggnccc 1260
 cccccanaaa aaantttttt t 1281

<210> 4554
 <211> 916
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(916)
 <223> n = A,T,C or G

<400> 4554
 tttgaaanca tcantctctng ttctttntgc aggatcccat cgattcgcag aaagggaaaa 60
 tatgaagtgc gtgctggggt ttgctatcgt atccacaggc atcacggcag tgctgctcgc 120
 cttgattttt gttctcagaa agagaataaa attgacagtt ganctttnc aatcacaaat 180
 aaagccatca gcagggtcc ctnnctgctg taccaccccn gngaaaattn gccaccctaa 240
 tttntttctg gntcctttgg nnggntgncn gctgacctg ggaactgaag ganctgcca 300
 tnttatgnan ggcgnccaag tgggaatata acccctttnc ggcattcggg ccatgtggcc 360
 gtacnnttaa tttggcctca atctggacta gngaaattat ccttggcgng ccaacaaaat 420
 gactataact tggggcagtn ggtnccttgg tcntttcaac canaagtnaa aaattaatcc 480
 tccggaatca atcccatcct tttccgggct ctcttccaat tcttntttct ttntaaccat 540
 caaaggggaa ccatttgtgg aaaangggnc aatttttnaa ncctcttggg gggggagggg 600
 tttccgaaga aatcaattgg gcaatgggta ccattgccna aaaacgccan cttggnaaaa 660
 gnaaacaaag caattggntg gccantttgn tccccaaagg taacccttgg ttttccccga 720
 atggcctggc cttaccttgg nttgggattt cttnggggng gtcccttgg aacaaaaaaa 780
 aaacccctng ggnttcccaa tttnttnnaa accccccgna aattggcccn ttntttaccc 840
 tttaccaaaa cctnggggtt ttttttnnaa aatggggggg ggggggaaan cccccccaaa 900
 aaaggggna aaaant 916

<210> 4555
 <211> 791
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4555
 gngtctccct ttntttgaca tcnnttggct ctcgctcttt ttgcaggatc ccacgatcc 60
 gaattcggca cgagacctga gctaggggtg cagcagaaat tgagttgcag cttgcccttg 120
 tccagacctt ttttctgctt gcgtttttga aacaggaggt gcacgtacca cccaattatc 180
 tatggcagca tgcattgtata ggccgaacta ttatcagctc tgatgtttca gagagaagac 240
 ctcagaaacc gaaagaaaac caccaccctc ctatttgttc tgaagtttca cgtgtgttta 300
 tgaaatctaa tgggaaatgg atcacagat ttctttaagg gaattaaaaa aaataaaaaga 360
 attacggctt ttacagcaac aatacgatta tcttatagga aaaaaaaaat cattgtaaag 420
 tatcaagaca atacgagtaa atgaaaaggc tgttaaagta gatgacatca tgtgttagcc 480
 tgttccctaat cccctagaat tgtaattgtt gggatataaa ttanttttta ttattctctt 540
 aaaaatcaaa gatgatctct atcactttgc cacctgtttg atgtgcantg gaaactgggt 600
 aagccagttg ttcatacttc gtttacaat tattaagata ncttntttan ggatannttt 660
 ggtaccatat ttgtgaaaat tttttgnaaa atgccttgnt aatgnggntt tttnacnncn 720
 cnaagttatt ttgtttgcaa aacttnaatg gnccattttc cttttaanaa tnggttttnc 780
 cntattttn t 791

<210> 4556
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 4556

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| ttntcnnaac | cttcaactcc | cgtgctnatg | caagatccca | tccnattcga | annnggcacg | 60 |
| aganacnctt | aantatacgc | tacggtntgt | gtgtgggtgt | nnatacnac | catgttactt | 120 |
| aatcnctttg | gtaccnnttn | cnttttgntg | gatccaaant | gnaaaccgat | gtntgntacc | 180 |
| ngnccnntatg | gtnttaacac | tttttaaant | gananacatt | ggatcttaaa | accctaagct | 240 |
| attgcacanc | ngcatttcac | nnccgacgaa | gcccgggtatc | ccctanacgn | tggggcactt | 300 |
| tccntaaatt | gaagntgnca | atnntatgcc | ggmntcnaga | tataangtgc | acncccaaaa | 360 |
| acgctttcng | ncttgtaaac | tcaacngcat | agttangcnn | gnncntgncc | gnccacatg | 420 |
| gtgaaacatt | ttnccttnacc | aagantaaat | gnccanggtg | cntnttaggn | acacttactt | 480 |
| tctccggnac | atccaattaa | cgntatattgc | ccgntgctgt | gcctgggnag | tttttatattt | 540 |
| atttatattg | ggttgnaaaa | gcagnancag | agggagctca | atctngtttg | aaaccnacgn | 600 |
| agtgctncca | ttgatacgta | natnaatnaa | ccgccngng | gnntttttct | tttttttggg | 660 |
| cctggaaaat | gctgatnccc | tttgacaana | aaggnananc | ccccctagcc | nactaanngt | 720 |
| cncccccattn | tttngggaaa | naagggggat | aaanaacttc | ccccccnng | ngggggagct | 779 |

<210> 4557
<211> 1259
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1259)
<223> n = A,T,C or G

<400> 4557

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|------|
| tttggaaagc | cccttggca | gggtgcacca | nctgntgnac | acccgaaggc | ncntcccagt | 60 |
| ttgggttann | ggacncgcn | ggngggcngn | aagggggaga | gcnaaacggg | gganagngt | 120 |
| ttntttgngn | ggcaggagca | gggaanaggg | gggggggggn | atnangngcg | gncnaaccgg | 180 |
| ggaggaggng | gggggngca | ggncgnacga | cngacganag | ngggcnanna | gnnnnggccn | 240 |
| gcagngnagg | gangnggatn | agnggnncgg | ncgtgnnnng | gagnggacgc | gngcngantg | 300 |
| gacgatggag | gccnnagncc | agaggcngnn | gnnagnnagg | ggnnatgang | cgcgacgann | 360 |
| gagcacnggn | gcnnaggcng | cgngcccgna | ngngcgggga | gaagcggngn | gagacnnnag | 420 |
| gcggnnccan | gngannngng | gaaacagnng | nnngnngagn | gcgggnancg | gatgnnncgg | 480 |
| nnggannngg | nanggggnca | ggcgnnnagn | nnagcgaggg | ngnnngngagn | gnaggagggga | 540 |
| nnaagcgcg | ngggncaaag | acngggacga | ngatntagn | ngggggagga | ggganncgcg | 600 |
| nnacggnnac | gngtncgagn | aaaangacga | gggntngngc | ngtngggagc | ggcgagggnc | 660 |
| naataggaga | angggnnntaa | ggngngcaga | cnncnannng | naggnnanga | cnaancagn | 720 |
| nngtgnecat | gcaganggnc | gncangnggg | ncgggggcan | cagagacgcg | atgagnggnn | 780 |
| anagancggn | gacagggggg | ggangcaaac | gcgggngagc | annccagncc | ngnnnggggn | 840 |
| antngngnnc | nggtnaggag | ngannganng | nngcatgagn | ataggnnnga | ganagnngang | 900 |
| nnngggggaa | agggaccnta | acnnngngnn | gngcngnncn | acngggcngn | ggggganccc | 960 |
| anggnnnncn | ggagncaagg | nnngnncgna | ncngggggng | cnagntnggg | ngggngtngn | 1020 |
| nngcgatnag | ggnnccggccc | ggngnccggn | gcngnatcng | aacggacagg | cgcngnanna | 1080 |
| ggngggcgcn | agangngntg | gagngncacn | gcggngggna | ncngngngnn | angatggcga | 1140 |
| ggggacgggt | cgcgggnctg | acgganagag | gcngcnacgn | nngaggcggt | aaagaantgn | 1200 |

nggncgngggg acnnncnanga gcaanggcag gagggcncgg cgngcggnng cngnggccg 1259

<210> 4558
 <211> 807
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 4558
 gatntaannt tcaccttntg actntntgca ggatcccatc gattcgaatt cggcacgagg 60
 aaagagatct gacctaacca actttntctt gccttaactt ccaaactgcc cttagtcatt 120
 gatggggcat gggccaacnn cnatnggan anatcttnt tcntcntgna atnatactcc 180
 cctttccaaa actaaatgtc cttgangnna taacggaang cctcccatng ggtgnacaac 240
 cgggncggna antgggctcn cnetgtggca tagcanaang ntccccggnc gtngtggtn 300
 acgntcnann tatccgcnan actcgccatt gcnctagcgn cnnnacttt ctttttatnn 360
 nctaacattn tccttncggg aangcggttt tnccggcntt aagctnttaa ggatggangg 420
 ggttnggttt ccggnctnna cnetataaaa ctctnttaac tncaacacng tncnccgtng 480
 ggacccccctc ccantaaagn ggggactgnt tcacagngan ggaccnttt tttncnncn 540
 ncctaatanga ttttcncccc accttaatac agtttaggaac cccttttctt tattccatac 600
 aagaactttt ttttaaaaaa acttggganc ctcttatcta cgccttgggn gggtcacatc 660
 ttgtnaatcc ccaacatttn ggggaggeta nngncgggaa atatncctta agcttcaaga 720
 gttcaagacc agcctgggga aacacttgga aaccgcttct ntcnctttac aatttcttga 780
 tgccgggatt tttcttttng cccttct 807

<210> 4559
 <211> 1070
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1070)
 <223> n = A,T,C or G

<400> 4559
 tatctatcnt cnncatacaa gctacttgca ngatccctcn attcgttgaa actgaaagcc 60
 aacttgaaaa tggaggtatg gcttataatt cagctgtgct gaactgtaag tgattaaata 120
 ctgtttcatc acatatacac atatatatac ttatgtgggt atataggctc tgggtctcatt 180
 gacttaagga ttttaagtgg tggatttggc catatnctgt gggggggaaa gctnagaacc 240
 tcaatannct taatnaaata ggtggctatc atcngttcat ttaactcaag ccagaaaca 300
 ccaaagaagt caccctcaat ttcttccgc anccccacaa tttnaatcta atcggccatt 360
 ttctttaaca nggttcccat ttttccaaa aaatatnaac caatggaggt cccatcctaa 420
 tttntctgggn ttcttaacaa gtccantcaa cccntaagg cnttaaagnc caccttacct 480
 ttcaagttag gcccctcttn cccaatttaa gggcctttaa gtttcaactt tcccaagccc 540
 cccttccctt tccnaagtng gttggnantt cnacnaccaa gatncccttg gccaaaggggt 600
 aagggtccaa ttttangaaa aaaccaatta nacctttnaa gggccccctt ggggccaaat 660
 ttggccttct tggcnttna aaaaaaattt ttgggtgggg gngggggcnt tttcccccaa 720
 ttccaattgg ccctttaang aaaaatnaaa aaaaatccct nggccttttt tcnntanttt 780
 atttttttaa aaaanccaat tgggggcttt tttgggggng ggcctttttt aaccaacca 840
 aantttttta agttcccttc cccatttaac tcccctentt tttcnttaa gccccttgg 900
 attccttgga aaaggggcca cccatttcc ccaaaggttt tttantngtn ggaacaaaa 960
 aaaccaagcc aggtnggaaa accattgggg ggggggggtt anttgnaaaa cnccttacc 1020

cgggagggggg aaaanccccc aaaaaccccc ccntttttt tttngggccc

1070

<210> 4560
<211> 1321
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1321)
<223> n = A,T,C or G

<400> 4560
acgnaccttc ancttcgcnc ttttgcagga tccctcgatt cgaattcggc acgagctaata 60
gcactgcaca gcatttgcac tttgcagatg agtatcatct gggaaaatct gtctcaagat 120
ctggccctcc cacggganta tgttggaagt aaccaagcct tgcccttaga ngatgcaacc 180
aaaatatatt tgggtggatg ggggtggagg aaaaaattct tgccaaaaaa gaaaggggtg 240
atccctggga aaccaattat ttcttctttc aagggggaaa ggaagcctt ggcctgggtg 300
ttttttnggg aaatgggtga aaaagaacca aaaaacctta ttgaaaagc cattgggttg 360
aatggaaaaa ggtttcctta ggaaaaaaa cccattggaa aaantttcca agccccccct 420
tanttgaaaa aattccgcca nccttggggg taccancct tggggggaaa aaaaattgga 480
aaaagaaaaa ccttttnaaa cccttanccc atttaaaaaa aaaaatttag gnaanggggg 540
gaanccaagg ttnccaaaaa aaaacntttt tccaaccaa gggggggggg ggggaaaaaa 600
aattcccaa aggttttttn aaaaaatttt nccaaanaaa ggcccttttg gggaantttt 660
ttaaaggaaa ttgggaattg gnccccccat tttttccttt aaagnaaagn aaaaaggntt 720
ttttngggcc ttttttttcc ttttccccna aaattggggc ntctctttaa ntggcccccc 780
ctttttttcc ttgggttaa aaaaaaaacc ctggggggcc caaaantttt ttgggggggg 840
gaaaaaggcc caatttccaa ccttggggg naattaaaaa aaatttttta aattttgggn 900
aaaattcctt taanttttcc aaaggttccc aaaatttttc ccttgggaa ggggcctttt 960
tttnaaaaaa aaagnccttg ggggggaaaa ggaaaaaagg gttggnaaaa aaccttantt 1020
cnttccaatt ggnaaaaaga aaagntttta nttgncccag aaaaaaaaat tccnggggtt 1080
ggaaaacctt cnttttttgg cttccttaaa agggcccncc cccgttantt aaaaancctt 1140
tgggaggttt tccaaaacct ttcccttgga gaattnacc tcccttgga tttttcttac 1200
cctggggggg accaagnaaa aaaaaaanc ccttgggnaa nggggncctt ttttccccna 1260
attaaaaaac ccgnggggtc caaaatttcc ccntttttt ttaaaaacnc cccccccctt 1320
t 1321

<210> 4561
<211> 1253
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1253)
<223> n = A,T,C or G

<400> 4561
ttttntacat acttgcttnn tacatcncag cactttgggn ncttttctct ccgagtcnga 60
ccgtgtgtgt gtgtgtgtgc ggcgcgcgg cggtctgann ctctgggtctt tgttccggac 120
ccggnctccg ccgcagccag cccacatgtc gggngatcaa agaaagcaaa aaagacgggt 180
atggctttcc aagggcgccc ggcttttccc ttcnccccg ccaaccnca acttgnacc 240
ggcncnccct taccnccncc caaaccnccc ccccaaaatt tccccncc nggccaacc 300
tttngggggg tccccccna accccccttt tcccccccg ggggttaaang ggggggggnc 360
ccgtttccag gggggnaagg ggnaaaggg aaagcttaaa aaaaaaaagt tttggggggg 420
ggnccaaacc gggggaagg ggggggaaaa agccccaaaa ggcaaangaa aaaaaaggaa 480

1504

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|------|
| agggggccent | tcnnttgggt | ggggttgggg | gaaaaaattt | ttcccccccc | gggggggngc | 540 |
| ccaaagattc | ccccnttttn | ggcccccccc | ccggcccaaa | tgcccccccc | cntttttttt | 600 |
| tcccacanc | cccccccggy | ccgggaaacn | tttttttttg | gggggaaaaa | ttnccttttg | 660 |
| ccggncntt | ttcccttttg | ggggggnggg | ttaccngccn | ccggaccggc | cccccccggn | 720 |
| ccggaaaaaa | aagaaacccc | ttttcccccc | ggaaagncct | ttcnttttna | aaaagggtng | 780 |
| gggggtttnc | cccngggaaa | ttcnttatatt | aaattcccca | aagggnnaacc | ccaaaggggg | 840 |
| gaaccaangg | gnaaaaaatt | cccccccctt | ttttnttttt | ttncccccaa | aaanaaaacc | 900 |
| nttttttttt | nccaaaaaac | cccccgggcc | ctttttnttc | cttttccttg | tttaangggg | 960 |
| tncttncgg | ggaaaaccna | aaaaattccg | aaagnccttg | aacnttcccc | ccggttttcc | 1020 |
| ttggcccaaa | aggttccttg | gggtaccccc | ttgggggggg | nttttttggt | ttntttnttn | 1080 |
| ggggnaaaac | cttttcccct | tttggggaaa | gtngggggnc | cnttttnaaa | tggaacccg | 1140 |
| ggaccttttt | tcnntttttg | naagggnaaa | aaacttggcc | aaanttttnt | ttcaaaaaaa | 1200 |
| accnaaaaaa | cctttggggg | nnaaaaaaan | ggggggggga | aaaaaaaaaa | ana | 1253 |

<210> 4562

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4562

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tataattaan | ttgnannccn | ttnaactett | gttctttttg | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | ggtgaccctt | cctgcccttc | ttgagcagct | tgtganccan | aagatgtgcc | 120 |
| tggagagaaa | gcctcatttg | gggaagtgcn | gnattcgaa | ttcttttatt | tgaaaatgga | 180 |
| naacaaccct | tctnacaaat | cctgtctgcc | cttccccctt | tncaactaga | atatcanntc | 240 |
| cnetgaacat | gaagtnatnc | acatttcatg | gaaaactggg | tgatgntnaa | naaatcactt | 300 |
| ganggcaaac | tttgccttc | angctgtggg | tctctgaatn | gtagagccng | canatcctcc | 360 |
| antgtatgga | ctgngcctta | cttgcccatt | gaatgctttc | tatacatnaa | nacttgganc | 420 |
| tctttacaga | tgacantnnc | cagtngggaa | gataaaagan | nagaaaagac | cnaaantgcy | 480 |
| ggnttgccac | tcttttttgc | catcacctg | gggactgcaa | angccaatgt | tgngctggc | 540 |
| aaaaagccga | angantaaag | gtgctgnant | gatgttagct | gtgnccactg | nggatttttc | 600 |
| caanaacatt | tntanctata | aanttcaaag | naaaanaaaa | aaananactc | gaggcctntt | 660 |
| aaaactatat | tnagtctttt | tacctnatnc | anacttgata | anatacattg | atgantttgg | 720 |
| gcaaaccac | aactagaaat | tttccaana | ggggggggna | | | 760 |

<210> 4563

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4563

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tttttnnntt | taaantttgn | aaaattnnnt | ttttttacca | ncccccttac | tcnnggtttc | 60 |
| cttttttttt | nggccanggg | naatcccccc | natnccggaa | tttnccggaa | aattttcccg | 120 |
| gtttgggcnt | nggtccggca | tatataaaaa | ccagnngnag | nccccnact | atggannttn | 180 |
| tnccctngaa | tataaaaaa | acaatccggg | gggggggaacg | gaagnagcnt | ggcaattngg | 240 |
| natcgtaata | aaaatacggg | antcttgaag | ccccattgga | tggtcncaan | gggctgggtg | 300 |
| ggaagaacct | tanttnagca | agaatcccta | aaanggggca | canaaccttt | gnaaaggana | 360 |

```

aggangttnt nttttncaaa aaaaaaccca nactttggat gggcaaacct tnaaataang      420
ggatgaacaa tggncagggy cccaccctg ggettaaatt ancaaaacnt tggcctntgn      480
aaagnccng ttncccttgg gggcttctct tttccttcna tttntggaac ccannacttg      540
atgtcnttnc aatcgnaact ggtttaatgg cccnattcct acaaccgcna aaacttggtt      600
cctngaantg tantctgcng nnanaaaaaac ncctccnnan tgaantggcc anaaangtan      660
tgatcataca caaananaca ccttnaaatt ntaaccatga acgcgattat attatgnana      720
ganntcnttc ggnnganatt atgtnaggga gccagantnc tcatgctngg aatagngacc      780
nacaaaacnt gntcgaggga cttattgana ttaatatgga agatacanng ttcntntacc      840
anganntggc cacanagaac aatcnatnga ccgaaaaatc cggggnggggn      890

```

<210> 4564

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4564

```

tttgaaaacc cnttttnttt naatcctttt ctttcaaatt gttctngttc tttttgcagg      60
atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc cacgttgccc      120
aggctggtct cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg      180
tgcttggtct agatgacttt taaaaaaaga cttctctaaa gtagaaggaa gggtggaatt      240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gagtgcattg      300
gcgcgatctt ggctcaccgc aacctccgcc tcccggttc aagtgattct cctgcctcag      360
cctcccagggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt      420
agtagagacg gagtttctcc atgttggtca ggctggtctc gaactaccga cctcagggtga      480
tccaccacc cccgctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc      540
tncctgttcc agttttctat aatctgttca tattatattc tgggtatatg tgggtggtgt      600
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt      660
aagataaagt ttcatctac aaagatgtat tgtaccaata acctgggtat tcagggttacc      720
aatcttaaaa aaaacttant tcattttnaa aattaaacnt taaaatttnc caattccatt      780
tnaacattaa n                                     791

```

<210> 4565

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4565

```

ttcatttaat cttncctttt ggatctntnt gcaggatccc atcgattcgt aattatannc      60
cctggagtta tgcagctaat taaagggtcaa acgcataact ttaaagacgc cttttcagga      120
agagattcaa gtnttacgcy ggtgccactg gctttttatt atggaatgta tgcatatgct      180
ggctggtntt acctnaacta tgttactgaa gaagtagaaa accctgaaaa aaccattccc      240
cttgcnntat gtatatccat ggccattgtc accattggct atgtgctgac aaatgtgggc      300
tactttacga ccattaatgc tgaggagctg ctgntttcaa atgcanntgg cagtgcctt      360
ttctgagcgg ctactgggaa atttctcatt agcagatccg atctttgttg cctnttctg      420
cttgggctcc atnaacnggg gtgtgtgcng ctgtctccag gttattctat gttgccgtct      480
ctgagagggt naccttccan aaatnctctc catgattcat gtccgcaagc acactnctct      540

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| acantggtnt | tgtttgcacc | ctttgacaat | gataatgctc | ttntttggga | gacctcgaca | 600 |
| gtcttttnaa | tttactcaag | gttgccaggt | ggctttttat | tgggctggca | attgctgggc | 660 |
| ttgatttatc | ttngatncaa | atgcnanat | atgcatcggt | ccctttcaaa | ggtgccctg | 720 |
| ttcatcccac | ttttnttttg | ncttnntttt | tttnnnnnnn | t | | 761 |

<210> 4566

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4566

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| gntttnaaat | ttccttttnc | ttctaactct | ttgcttnncac | nttggtctctt | gttcttttttg | 60 |
| caggnatccc | atcgattcgc | caatggatgc | agggaaaact | gagatgggat | ttncccacgt | 120 |
| tgcccaggct | ggtctcctga | gctcaaagca | atccagattg | ctgggattac | agctgtgagc | 180 |
| caccgtgcct | ggctgagatg | acttttataa | aaagacttct | ctaaagtaga | aggaaggggtg | 240 |
| gaattgtatg | cacaagaaga | aaaaaacctg | gaagaaaaac | ataactaaaga | ggctggagtg | 300 |
| caatggcgcg | atcttggtct | accgcaacct | ccgcctcccg | ggttcaagtg | attctcctgc | 360 |
| ctcagcctcc | caggtagctg | ggattacaag | catgggccac | cacgcctggc | taattttgta | 420 |
| tttttagtag | agacggagtt | tctccatggt | ggtcaggctg | gtctcgaact | accgacctca | 480 |
| ggtgatccac | ccacctcggc | ctnccacagt | gctgggatta | caagcatgag | ccaccgcgcc | 540 |
| cggcctccct | gttcagtttt | ctataatctg | ntcatattat | attctgggta | tatgtgggtg | 600 |
| gtgtgattat | ccatgtgggc | ttattttcac | attctttgca | ttaactataa | tgtacttaat | 660 |
| ggttttaaga | taaagtccat | tctacaaaga | tgtatgtnca | atacctggtn | tcaggtaaca | 720 |
| atctttaaaa | aaaacttaat | tcatttttaa | aataaacatt | aaaattncca | ntccaattta | 780 |
| aacatnt | | | | | | 787 |

<210> 4567

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4567

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| gntttnaaat | ttccttttnc | ttctaactct | ttgcttnncac | nttggtctctt | gttcttttttg | 60 |
| caggnatccc | atcgattcgc | caatggatgc | agggaaaact | gagatgggat | ttncccacgt | 120 |
| tgcccaggct | ggtctcctga | gctcaaagca | atccagattg | ctgggattac | agctgtgagc | 180 |
| caccgtgcct | ggctgagatg | acttttataa | aaagacttct | ctaaagtaga | aggaaggggtg | 240 |
| gaattgtatg | cacaagaaga | aaaaaacctg | gaagaaaaac | ataactaaaga | ggctggagtg | 300 |
| caatggcgcg | atcttggtct | accgcaacct | ccgcctcccg | ggttcaagtg | attctcctgc | 360 |
| ctcagcctcc | caggtagctg | ggattacaag | catgggccac | cacgcctggc | taattttgta | 420 |
| tttttagtag | agacggagtt | tctccatggt | ggtcaggctg | gtctcgaact | accgacctca | 480 |
| ggtgatccac | ccacctcggc | ctnccacagt | gctgggatta | caagcatgag | ccaccgcgcc | 540 |
| cggcctccct | gttcagtttt | ctataatctg | ntcatattat | attctgggta | tatgtgggtg | 600 |
| gtgtgattat | ccatgtgggc | ttattttcac | attctttgca | ttaactataa | tgtacttaat | 660 |
| ggttttaaga | taaagtccat | tctacaaaga | tgtatgtnca | atacctggtn | tcaggtaaca | 720 |
| atctttaaaa | aaaacttaat | tcatttttaa | aataaacatt | aaaattncca | ntccaattta | 780 |
| aacatnt | | | | | | 787 |

<210> 4568
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4568

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| tttaaacttt | ctaataccttt | acaactacttt | gttcttttttg | caggatccca | tcgattcgaa | 60 |
| ttcgggcacga | ggaaggacaa | aaatatggct | atctgantag | atgcagaaga | ggcatttgac | 120 |
| aaaatctaaa | atattaagta | aagaagatta | tattagtcca | ttctgacatt | actataaaga | 180 |
| actgtangag | agcagcccca | gtgcttatag | ataaaaactcc | catctnccta | ggacagagca | 240 |
| cctggggggga | atggggcggct | ctgggtgcag | cttcngcaga | cttaaattgtt | cctgcctgcc | 300 |
| agctcttgaa | gagagcagca | gatccccag | cacagcgctc | gagctctgct | aagggatgga | 360 |
| ctgcctcttc | aagtgggtcc | ctgaccctca | tgcctcctga | ctgggagaca | cctcccagca | 420 |
| agggttgaca | tcacacctcat | acangaagag | ctccgggtgg | catctgccaan | gtgccccctct | 480 |
| gggacgaact | tccanangaa | ggaacangta | gcaatctttg | ctgttctgca | gcctccgctg | 540 |
| gtgataccta | ngcaaacagg | gtctggagtg | gacctccagc | aaactagagc | agaccttcan | 600 |
| cagangggcc | tgactgttag | aaggaaaaact | aatgaacaga | aaggaatagc | atcaacatca | 660 |
| acaaaaagga | tgtccaccaa | gagaccccat | cctaaggtca | cccaacatca | aagaacaaag | 720 |
| atngagaaaa | tcncgaagt | ttgaaaaggg | ggaaaagggg | ga | | 762 |

<210> 4569
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4569

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| ttnnnttnna | ttcccttttt | gaactcgggt | ncttggttctc | tntgcaggat | cccatcgatt | 60 |
| cgttcgagtg | caagctcccc | atctttcgaa | agtttccatg | gcaatacanc | taactgaaga | 120 |
| actaaaagcc | agtgatgtac | ttgccagggt | tctcagccaa | gaaagtgggg | ttgccagac | 180 |
| tctcaagaaa | ggagaagttt | ttttgtatga | aattggagga | aatattgggg | aacgctgcct | 240 |
| tgatgatgac | acttacatga | aggatttata | tcagcttaac | ccaaatgctg | agtgggttat | 300 |
| aaagtcaaag | ccattgtaga | agacttaaca | agctgcagat | aacctatgtg | acttctgtca | 360 |
| taattcttgc | tgagtcaaga | gtgtaaataa | aagaaatggc | aggactcata | ttattcantt | 420 |
| gtacccaagt | atttaaaaaat | gactctctta | agccttaaaa | agtcatagat | ntgtgctgct | 480 |
| gccagaatta | tattaattat | tattaatggg | attattagaa | aaaaaatttc | tggagtgaga | 540 |
| agtaaaaagg | cttaattagg | ttgtggggcca | ntttcatatg | ctctggtgaa | atgtgtccca | 600 |
| natgtnacat | agtttttttt | ttaatatgtg | gaaatgtctt | ctcttcccat | tcntttctcc | 660 |
| ctaaaaatcn | tatattnctg | gaaatataat | gcctcttttt | aantctctnt | tacctnmta | 720 |
| acattttacc | ccttttccca | gttanggnnt | gcttttttgn | ccaaaaagna | tanccaaatt | 780 |
| ccnnc | | | | | | 785 |

<210> 4570
 <211> 986
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(986)
<223> n = A,T,C or G

<400> 4570
ccggnntttt tngnnntttt ttgcaanttn ttggaaaaan cccctttttt taccaaanan 60
cctcnccttt ggggtttgctt tttttttngn ccaggggnaa tcccccccat gccgggnattt 120
accgnaaat ttnccggggg cccaccggaa ggggnnaaaa tggggggccc caaaaaagnt 180
ttnatttaaa attttggggg tccntttttc caaagnaatn tttttttttc cnatttaatn 240
ggggggacca aagggaaaaa acctggcacc cccnaccgga aaatttttat tnaaaaaaaa 300
tcccccatgg gttgggggaa aaaaagggaa atttggaatc ccccanaaaa tccaaatggg 360
taacctttcc aaanaaaaaa atgggtaaga aaaaactttt attaaaaggg aagnaannat 420
ggnggcttta ttcttcttcg gatggaaaac tccantattt ttgggtggta nactctattt 480
aaacaatttc ggtcataaac acaaagacaa accatggggg caaaatgtgt cctttgcttn 540
taaattctgc cttcatttac ttgaatgacc tcagtgttta ggcagtggcc tgtgttttag 600
acctggtgat gacagctccc ctcacctang agctgagcac cccggccatc ttggtgacca 660
cagaaccaag gncacaggct tcanctggta cgccctgggg caggggagaa aattgtgctt 720
gcattcccaa gtctgctcca cctnctgggt aagggtctgtc gggcctgggt ctgtccttgg 780
agccaccagc atcctcagac aaagaatcta gacggngttg ccaatttatt aacagcaaat 840
aaccaattaa aatggagact attaaatact ttattttccc ncttanctna aaaancnaaa 900
ntttcccccg ncnannngng gggcanacct tanagnncca cnaantnngg nngcngnggg 960
gnanggnnnn naaaaaaaat nntcct 986

<210> 4571
<211> 804
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(804)
<223> n = A,T,C or G

<400> 4571
ccgttnattt cgaantttgn aancccttta caanactact tgtgtgcttg ttgtggcagg 60
gnaatcccat acggatttct gggaaattca aaaaaaccca aagnttacct caggaaaatt 120
aatgggtggt tttntcttta aagnggtana aaaattggga aggggaaacc tgggtgggaa 180
aaaaaaaaatt aaggaaaaag gngggagggg ggggtaaaaa tccaattttc cnttaaaatc 240
cttaaaattt aaccctttaa aagccattaa gnaatacctt ggggttaaaa taatcctttg 300
gggtattaat ggnntttttt cctgggggtc tttgggtttt angtctggca tngnattggg 360
tttaaccatc cttntattag ctctctnaat gctgcctatg gttatatctc catgntcnta 420
tattntactn ccatgtaata tatattatnc atattaccta tattgaaang gaaatgctta 480
tatattcatg tcaangtaat gntatcctct nctgntatga ttattatttg cctnaacatn 540
ttgattgatt tatntaacc cgtgctanat tgggaactac ttctctncta tagaccttaa 600
nannaacatn gctttatcaa gattttattc agtgatattt taaatgattc tgctgtagg 660
cttgccagac aaattagtgt ccaataatct aatgaatgtt gnaagtcag tnggattatg 720
aattccatta ttttactaat ttacttgaaa aacatgattc aaaaanattgt ttttgttgtt 780
tgggttaaaa aaaaaatnta aacc 804

<210> 4572
<211> 793
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4572

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gtgaatcctt | ttcnaatngc | ttggctactc | gctctttctg | cangatccca | tcgattcgaa | 60 |
| ttcggcacga | gggcagctag | agtcaggaaa | atgacctca | tatgctntn | atctttgttt | 120 |
| cagttgtctg | tcagggttga | attaagaagc | tactggttta | ttcccaattg | ttgatgcctt | 180 |
| taggtatggt | ggaatctttt | tttttgcta | ggaggggcca | gtngaaaatc | tgtgaactca | 240 |
| gangcagtga | acagaatact | gntttctggg | gaaaaattgg | ttggctactt | gatgttaatt | 300 |
| atggnacagt | aacaggaaaa | ggttgtgtnt | gtgtttttaa | gtaatgtctt | tattctgctt | 360 |
| ttttgtctgt | ataagagttt | tctgaaattt | atattttaaa | cttttcatgc | actttactgt | 420 |
| ttctagtctc | naaatgtgat | atttttnaat | aacaagaaat | tttccattat | gngaataaaa | 480 |
| ttttaaaaga | caatagccta | tatttgtgtc | tcactaatat | ataaagtata | ggtcaaat | 540 |
| naattatttta | attagtttta | aatatctcaa | tttgtctnct | ctttcaaacc | tgacatnttc | 600 |
| ngctgggttn | ttaagtccta | aatgatgca | ttttaccttt | nggncaat | caattgccta | 660 |
| antttcnntn | ccatangtna | aattaaanne | anggcttatt | attaanggg | aatnatnttc | 720 |
| ccccannagg | ggtaaat | taatggngna | ncaaagngtn | gntggggatt | gangtctttt | 780 |
| catnccangn | ggg | | | | | 793 |

<210> 4573
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4573

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| annatcnctt | ttnattnat | cagctacttg | ttctttttgc | aggatcccat | cgattcgaat | 60 |
| tcggcacgag | gtattcttct | tctactggag | aaggtagcga | aaaagaat | gatcctctga | 120 |
| ttgcctaggg | ttttgagaca | tgagaaataa | tgtctttgat | ctgggtttga | gaaattattg | 180 |
| catattttat | tttaagtgtc | tgctgcctct | gcctttcccc | ttttgtctct | caaatatata | 240 |
| aagtaagtag | cctgcctaca | ggaggactgt | taaaaatcat | atcactagat | taaatagaat | 300 |
| taaaaaagan | acaggaagat | tgaagatgta | gnttaatata | tgtatcatta | ataatagaat | 360 |
| aaataacaaga | acataatggg | tgagaaat | atcttcta | aaaaat | gagactagac | 420 |
| ctttcaacat | ttagttat | atacttta | aaaaat | ctat | catagtaaat | 480 |
| tggttgagta | tgtgaataat | ccttctgcgc | attattggcc | tggtataaat | ctttcaatga | 540 |
| attgtgggtt | ggagttaaat | tcatattgtg | ctgaatttac | aaaatttaac | agtttgctnt | 600 |
| aaacgtttta | aaaattntct | aacttagcac | caaatecccc | catacctttg | tgtgtgtgtg | 660 |
| tgtgtgtgtg | tgtgtgtatg | cctgtggana | aaaagtceng | agatcttatt | tctcat | 720 |
| aaaangttag | caaaaaaaaa | aaattttttt | ttttnc | | | 756 |

<210> 4574
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4574

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| atatnctntna | taancctttc | aactacttgt | tctttttgca | ggatcccatc | gattcgcaag | 60 |
| agcaaggggtg | gagggggaca | gattgtntng | tccnttaaat | gtgtgttgac | acacatgggc | 120 |
| ttcggggttag | ctggcctgac | atggagatag | antgccaatg | ttcccaagcc | cacagaatta | 180 |
| tggaggcctc | accncagta | ttcacagctc | tcaactggcc | tttnanaatg | gaaacctttt | 240 |
| ctgcctntgga | tatggcgctt | cttctgggag | aggagcanag | ccacagagag | gtaggaagtt | 300 |
| gaggcatagc | aaagggaang | cttcaganc | taagcccn | tcattctcata | tgtgttttct | 360 |
| angcctgnng | ctgaaangaa | gaggagtggg | gcancctggg | acggnaactg | cctctntggg | 420 |
| ctccccactc | ccatggaggg | gctncataa | ctttgtctct | gggctgnatc | ttganaang | 480 |
| ggcanggtct | tcccaccant | ggcanggtgt | gcagttgtgg | tcccaagcct | tggagggaat | 540 |
| ggggaatggg | ctggcaccct | gctcaaggaa | agcanaagca | cacangtgcc | ccaacagggg | 600 |
| ancttcattg | cccccaatan | ttttaaaaa | ngcaacccat | cacttaaggc | ttgggtgccc | 660 |
| ttttcggnaa | aaactaccaa | acttgggaanc | ccctcccggc | tttaangccc | aacnaatttt | 720 |
| nccctggggg | acnttccctt | gggaccccc | aagggnnttc | ctttaaccag | gccccaaaaa | 780 |
| aaaaaaaaa | nccncccc | n | | | | 801 |

<210> 4575

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 4575

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| cnttnttcna | nttatecttc | aactcttgtt | ctttttgag | gatcccatcg | attcgagag | 60 |
| gctgaggtgg | gaggatctct | tgagcccagg | aggttgaggc | tgcaatgagt | tgtgattgca | 120 |
| ccagngtact | ctancctaga | cancagagga | ataacctgt | tcncacgata | angannttca | 180 |
| tcanttanmn | ntnataanaa | ttctntcagt | gncnngaang | nngacacngg | anctccctna | 240 |
| ncangangga | catnncnca | nggccatntt | acgnntcang | tgccatacat | aaagnngnatg | 300 |
| ntggnttgag | nttacnacca | cactaengaa | anatttgca | nnanncttat | gnnnnatnct | 360 |
| ttaatntnt | ccatgtnttg | cttccacgca | ttcagncnat | ngtgtgggtc | tnttaaatgn | 420 |
| ctgnctnatt | tcttactcaa | anggattacn | ctanatncaa | caattntttg | aaatggggng | 480 |
| cttaatcgat | tttaatgnga | ggnnatttta | cctnatggtc | ttgganggcc | acctggnttc | 540 |
| cttaaagtgg | ccttttgatn | nttttaaatt | ccaaanttag | gcccnttttt | aaaataaggt | 600 |
| cccaatggna | aaaaantttc | cttnnaactt | ttaaactgtt | nccttaattt | ttcttaaagc | 660 |
| ccccctnaat | ttnttcaccc | cngaagggga | anggnaaaat | ttggggnnng | cccatttttt | 720 |
| atthttngggg | aaacctggcc | aagngggatt | taanatcggg | ggggaatccc | ccnccctttt | 780 |
| gggaccctgg | agccaatttt | ggcntttaac | cnaaggtnnt | tatccgcccc | acttttctcc | 840 |
| aaaaanntta | ccccccacca | ngtnttccca | aancctgggg | gttttttttt | tntnn | 895 |

<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4576

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tatcnnttat | tctntaacc | ttgttctttt | tgcaggatcc | ctcgattcgn | tnatgtatna | 60 |
| actantcnna | tatgtttnt | ancatnctta | ntatccttgc | nngcattatg | nggattcagg | 120 |
| gtcaactnt | cagactgnga | gcctgagagt | tnntctctaa | gaggctccac | accttntttg | 180 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tctnttagat | cgnggccaaa | ntgagatgaa | aactaactct | tgagaaanaa | aaaccancat | 240 |
| gcnttaactg | atacaccgtg | ttgncttggt | catncacagn | nnatncagcg | antaccaaca | 300 |
| tccacgntat | gaaatgncnc | cctangtntc | ttattctagc | aactgccngg | caccacaacc | 360 |
| atggtaacnt | tggggagacn | naggtctttc | gcttanagga | tgacacgcca | agtttaacga | 420 |
| cgcagttcct | ctggaaagat | gacntgtgaa | taacagaccn | caagggttgc | ctctcgaccc | 480 |
| agcctgttca | ngantcacia | gctctttaat | gtcatgtaac | nttccatata | atnttngagn | 540 |
| ggnnccctgtg | ngncacaccc | tgtgaagngt | gtatatgcnt | cctncagtg | tggttgctta | 600 |
| attcttctgc | attnaaatgt | cctgaccatc | ttgaaaacat | cantganana | ntcctgtgca | 660 |
| tgannggatn | ctaagggcta | tntatgatgc | ntttttaaac | tcaatgggng | tttnncnaa | 719 |

<210> 4577

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 4577

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gagcccagaa | tgaacatgcg | gnccccccaa | gttatcntgt | gatcccaggg | tttcaagata | 60 |
| gacttttgag | tttttcacag | tctgtcttan | ctcagcanga | taacttggga | cttcagaaac | 120 |
| agttggatct | acaaagagaa | gttctgcatt | atagccagaa | agcccaggaa | aaattgcttg | 180 |
| tacagagaca | aacagcattg | cagcagcaga | tacagaaaca | tgaagagact | ttgaaggatt | 240 |
| tcttttaaaga | cagtcagata | agtaagccca | cagttgaaaa | tgatttataa | acccanaaga | 300 |
| tggggcagct | canagactgg | tttcctaata | cacaagacct | agcnggaaat | gatcaagaaa | 360 |
| atattaggca | tgcanatagg | aacaactctg | atgataatca | ttnggnttca | gaagatacta | 420 |
| gtgccangct | aagttggtga | gcctctggga | gaaagatctg | gggagaagat | cctncaaagc | 480 |
| cacctgtagc | aaaagtcaaa | tgtggtttgg | accttaaaac | ccngcattga | acttaagtgc | 540 |
| ttttccaagg | aagttanaag | ttncacagcan | attnggcagg | aactttctat | accttaggtn | 600 |
| aaacccaggg | tattttntgg | aagaacnnag | tcccccttgn | naagtcttca | attatatccc | 660 |
| cagtaacca | nggtttnttt | tngngaaccc | cantggcccc | ttgatcccg | ttcaaatgg | 720 |
| cttttc | | | | | | 726 |

<210> 4578

<211> 1071

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1071)

<223> n = A,T,C or G

<400> 4578

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| tttttnaaan | aattncccaa | tnnttttttg | tnaaaatttt | tcnccnaa | ttttccaagn | 60 |
| aacccttaac | cttttggtt | tttgcccttt | ttttttgggn | cnaaggggnn | aatccccccc | 120 |
| aattccccgg | aatttttccc | ggcctttcct | tgggtttggg | gggnaaggna | atttgggggg | 180 |
| gggnaagggg | gggggggggg | cccccttaat | gggcennntt | tcaaattggg | cccttttttn | 240 |
| ctttgggtta | aagnttgggc | ccaaaaaaac | cccccccttt | aaaaaccccc | attgggttgg | 300 |
| cccccaagcc | caaccttaaa | gcctttaagg | tngggaagga | atccttaaac | aaaggaatcc | 360 |
| aatccggnc | cttccggccc | cttcaatttt | aaagtcaaaa | anggenttca | aacctttctt | 420 |
| ggctttccac | aaangtcaat | cttttttttg | ttcacttctt | ctggtnaaaa | taaatcaaac | 480 |
| tcacgccctc | aaagttcttg | ttgtgggaag | tttgaggggtg | acaaatatatt | caacaagaaa | 540 |
| tttgatgccc | atatgggaaa | atcccaagct | agctttttgt | ancaagttnc | aaaaatcaaa | 600 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| tatttcaaaa | cagaatgaga | agcttactat | cgtggtggga | agtacaaggc | tttgggtgta | 660 |
| aacaatcctg | agatggaatt | tcatctcttc | ctaaattaga | agctgcanaa | gacctagtca | 720 |
| aagtctgaac | ccttatgagc | tttcgtttcc | tcagctgtaa | gtggaactaa | taacactgaa | 780 |
| tttgatgaag | ttggttatga | aggattaaat | tggacaaaat | gggaagtgtg | tagcatctat | 840 |
| ggcacataga | tgtaaaatta | aataaagaat | gggacanggt | gctattnaaa | aatatttacc | 900 |
| ttggcccggg | gtggcaatgg | gcntcatgcc | tgtaaatccc | aaaccagttt | tggggaangg | 960 |
| cccaaaggcn | gggtgggaat | caacnttgag | gggcccaagg | naagttcaaa | gaaccagctt | 1020 |
| tgggnccacc | cattgggntg | gaaaaccttc | aaaattcccc | ttttccctt | n | 1071 |

<210> 4579

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 4579

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|------|
| tnttcatcag | ctcttgTTTT | atgcggaccc | tcgattcgaa | ttcggcacga | ggctttatgt | 60 |
| atcattaaat | ttttctcata | gttcagaaaa | aatgtgccaa | agggaaacta | ttggctcctc | 120 |
| cttcaaaaac | agtcttaatt | aactttcatt | atcttanccg | attaaaacta | nccagaagca | 180 |
| gggntcangg | ggaaaattaa | aatggatatn | ggacccctaa | attgtatcat | tctgagttga | 240 |
| ttgngtgggt | tattcattct | ggaaacatgt | tgatacttac | agtcaaccac | tgntttttga | 300 |
| taagtgatat | tgattaaggt | tgaatcttct | ttgtaaataa | gtattttacc | agttagcaaa | 360 |
| agtctgtgtt | ttcaagaatt | accagtgagc | accaagaggg | tgttcattaa | aaatggggga | 420 |
| aattgaagtn | cccacttccg | gnnaagaaa | ttggctttaa | aaccttggac | cacttggttt | 480 |
| ggaacaattt | ttgggggcct | tgggaatnaa | aaaaccccc | tgggtggggn | gggggggggt | 540 |
| ccttggttgg | ccttgntggc | canttttggc | caagggnaat | tggggttgna | aagnccaaan | 600 |
| cccgggtnc | cccnttcntt | cnaattgggt | ggnaacccaa | cccccccaac | caaagggtttt | 660 |
| antttgcccc | ccggggaaat | gggttttggc | cccccaaggaa | attgncccc | cccctttaaa | 720 |
| gggggggggna | accaaagaaa | agttccaaaa | accccccccc | cnaaaccttg | gaaaggggaa | 780 |
| cccccacctt | gggttncccn | ttaaccaagg | naaagntcca | aggggaaaaa | aataatttgg | 840 |
| gtaanggggg | aaggaaaaaa | aaaaaantta | aaccacaacc | aaccacaagg | ggcccttggt | 900 |
| gggttaaatg | ggtttaaaat | taggnatgga | naaattantt | gggaaatant | ggtattantt | 960 |
| naaatgggtt | taaaaaaatt | ggtacccttt | gaatcaaaag | gtaccttttt | ttattaaaaa | 1020 |
| nttggncctt | ttttttanng | gnaaannttt | tt | | | 1052 |

<210> 4580

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4580

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| ttaatanatc | cttgatttgg | cngatccatc | gattcgggcg | aaaatcgaaa | tcaagttatc | 60 |
| cgatattcca | gaaggcaaga | acatggcttt | caaattggaga | ggcaaacc | tgtttgtg | 120 |
| tcatagaacc | cagaaggaaa | ttgagcagga | agctgcagtt | gaattatcac | agttgagggg | 180 |
| cccacagcat | gatctagatc | gagtaaagaa | acctatcang | ataaccatt | caggtttctt | 240 |
| tactcgatct | agatcatgta | aagaaacctg | aatgggttat | cctgataggt | gtttgcactc | 300 |
| atcttggtcg | tgtaccatt | gcaaattgcag | gagatttttg | tggttattac | tgcccttgcc | 360 |

| | | | | | | |
|-------------|------------|-------------|-------------|-------------|------------|-----|
| atggggtcaca | ctatgatgca | tctggcagga | tcagattggg | tcctgctcct | ctcaaccttg | 420 |
| aagtccccac | gtatgagttc | accagtgcag | atatggtgat | tggtgggttaa | gagacttgga | 480 |
| ctcaagtcnt | aggcttcttt | cagtcctttat | gtcacctnag | gagacttatt | tgagangaac | 540 |
| cttctgtact | tgaagttgat | ttganatatg | taagaattga | tgatgtattt | gcaancatta | 600 |
| atgtgaataa | attgaattta | atggntgaat | actttcaggc | attcacttaa | taaagacact | 660 |
| gggtaaccac | tgntatgctc | aatcatatccc | nctaaaagggt | acaaatggcc | tttttaccta | 720 |
| atnctaattn | aaaaattncc | ngactggngg | taaaaaaaaa | a | | 761 |

<210> 4581

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4581

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| nttnnnnant | acnatnnan | gcctntgtac | tgcgangatc | ccatcgattc | gaattcgga | 60 |
| cgaggnaaag | ccatctttgc | attgatcctc | atccgccttt | ttgctcgccg | cagccgcctn | 120 |
| cgncgcgcgc | cttctncgcc | gccgcggact | ccggcagctt | tatcgccaga | gtccctgaac | 180 |
| tctcgctttc | tttttaatcc | cctgcacggg | atcaccggcg | tgccccacca | tgtcagacgc | 240 |
| agccgtagac | accagctccg | aaatcaccac | caangactta | aaggagaana | aggaagttgt | 300 |
| ggaagaggca | gaaaatggaa | nagacgcccc | tgctaacggg | aatgctaata | aggaaaatgg | 360 |
| ggagcaggac | gctgacaatn | acgtagacga | agaanaggaa | ganggtgggg | angaaganga | 420 |
| ggaggaanaa | gaaggtgatg | gtgaggaaga | ggatggagat | gaagatgatg | aagctgagnc | 480 |
| agctaccggc | aagccggcng | ctgaagatga | tgaggatgac | gatgtcgata | ccaataanca | 540 |
| gacnaccgac | naggatgact | agacagcntn | naacgaaaag | ntaaactaaa | aaaaaaagcc | 600 |
| gcttnacctt | tncacctncc | actgccgtct | canaatctaa | accttggncc | cctttnaata | 660 |
| anaaaaggcc | cgncgcgnc | acngtggggc | antgccaccc | cgaagatgan | acncgccttt | 720 |
| caacacccaa | cccaaaccct | gaggaatttg | gaacaagggg | atggaaaaaa | gaacccnnnt | 780 |

<210> 4582

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4582

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| aanaatcctn | cctcccgttt | nnattcntat | acaagctact | tggtcttttt | gcaggatccc | 60 |
| atcgattcga | attcggcacg | aggccttgag | ggaattanac | agattttctg | ttttgaatag | 120 |
| ccaacacatg | tttgaagtac | tagctgccat | gaatcaccga | tctcttatac | tcctggatga | 180 |
| atgcagtaag | gnggtcctag | ataatatcca | tgggtgtcct | ttaagaataa | tgatcaacat | 240 |
| attgcagtcc | tgcaaaagacc | tccagtacca | taatttggat | ctcttcaagg | gacttgcaga | 300 |
| ttatgtggct | gcaactttcg | acatctggaa | gttcagaaaa | gttcttttta | tcctcatttt | 360 |
| atttgaaaaac | cttggctttc | gacctgttgg | tttaatggac | ctgtttatga | agagaatagt | 420 |
| agaggatcct | gaatccctaa | acatgaaaaa | cattctatct | attcttcata | cttactcttc | 480 |
| tctcaatcat | gtctacaaat | gccagaacaa | agaacagttc | gtggaagtta | tggttagtgc | 540 |
| tctgactggg | tatcttcaca | ctatttcttc | tgaaaactta | ttggatgcag | tatattcatt | 600 |
| ttgcttgatg | aattactttc | cctggctnct | tttaatcagc | ttctgcaaaa | agacatcatc | 660 |
| agtgcagctgc | tgacatcaga | tgacatgaag | aatgcttnca | agctgcatct | tttgataact | 720 |

gtctaaaact tgatgatacc ttgggggnccc cctttt

756

<210> 4583
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 4583
 cttntttacat ctctctcggt ttattcgata ccnctacttg ttcttttttgc aggatcccat 60
 cgattcgaat tcggcacgag gagaaccta ccaatgaatg tgggtgggtaa ggaagagaaa 120
 gaagtnnaga tgaaatttcc actctgctgg ggaaactagg tagatagatg atcatgaaga 180
 atctgaggaa gagcagaagt cgtacaggta agaatgaatg cattcattaa tttattcagc 240
 aaaactgcct gaagaatacc atgtgcagca ctgctgggaca aaacagggct tgcattccca 300
 ggctgtntct ttgtgaggac aacangaagg aagttgagaa acacacaaga acaatgctaa 360
 gatgggggaaa ctccatacgc tgcggggagca catacagaca aagtcacagg agggctcccg 420
 gagaaaagtg cattttctagt gattcttcaa gtatgagata gtcattccacg caaagagatg 480
 gtagaaaagt gttttaagca aaacaacaaa atgtgcatag gctcagaggc ctatctgatt 540
 ttctatggca ngctgggctt tcatcggcag anaggatggg cttantgaan gaagctttgt 600
 tggttttgtt ttcgtttcgt ttgttttaaat ggtcatacaa agtttttatt ggctaccttg 660
 cttcaagaaa aactgggcca atgatgaggt gatcatttct attaatagtt tcattacngt 720
 cctgtgtcat tgggggttaac ccaaaaaaat t 751

<210> 4584
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 4584
 aggancnntn aactcctgcc agtanagaan acaagctact ngnncttttt gcangatccc 60
 atcgattcga attcggcacg aggtttngcc ttgtnggcc gactagtttt gaattcctag 120
 cttcaagtga tccacctgcc tcgacctnac catcctagat tgtaaaccctt gaaattttct 180
 agagctgnct cccagtgaac ttaacttact gngtggatct gccttgctgc cctnactttt 240
 catantctca ccccgncctc accacttctt tgncttcnnn tgnactggct tgtgtttaca 300
 acatnggatt aacagctgna aggtcagcaa tgaattccca aatangcatt cagcacctat 360
 tttcagccct tcttaatttt tctgngacat tegtaccttt nttaaagntct tttcttggt 420
 ctgatgacct gagatatctt gatttttcta cctcattggn atcctcaact ttcttctct 480
 ggctttgcc tnttgnctct ntctcctcgt attcattggg ggncccatct gccctctggg 540
 aaagttcaac ananggtntc natacctact cgcggnntnc aanggccgc ctaatgaata 600
 taaatgtcc anggcacca ancacaattc nttacaatg caatccannc ccttctcctg 660
 acttttcttg gcaattntac taacctaaact cntgggtggc ttcnaaaact ggntnaaaat 720
 ggaanctacc tgctacccca aantggggaa agggccc 757

<210> 4585
 <211> 825
 <212> DNA
 <213> Homo sapiens

1515

<220>
 <221> misc_feature
 <222> (1)... (825)
 <223> n = A,T,C or G

<400> 4585

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| ttatccnnta | cchnaannaac | ccttgcaaan | ccgcgncng | ncggagacnc | tagaggacnc | 60 |
| ccngntaccn | anttnaatgg | gcacnatagg | gancctttna | ccgatgangt | gggcgccggt | 120 |
| ntacaccena | tntactgtga | ntatatngnn | ttgtnnncng | gnggcacac | agcattctnn | 180 |
| tcnactat | cggggccaaa | ntgagacgtg | gaactgann | cctcttacta | caacacaact | 240 |
| tnnattcacn | ncatchangt | cnntngccan | agnngagggn | gcataaaaca | ctnactcnnan | 300 |
| gattnnccnat | atganaccac | gcggtaangt | ttctgngnet | nngacnnnac | aggcnctcnt | 360 |
| tcaagtgc | ncaccagcag | tngaagnnng | gtgncccgcc | tntccggggn | nggtgacnan | 420 |
| tccnncaatn | ngnacacggg | ttncctgttn | ntacnaganc | actnacttca | tgccagaacc | 480 |
| ngcatnnang | nnntnatgnc | gactctgtnc | cttgttcacn | atgtactaan | ggcttntttt | 540 |
| actgtgcgn | gncncgtggg | aacaatagtc | ttnantntag | gggataccnt | tngtgnaaat | 600 |
| ancanccnat | cccanantg | aancntaacn | tntccgggcc | ttnanncan | tccgggttaa | 660 |
| tnagcggaat | ttgntggng | cactntnncc | ccncacctag | ttncacagag | ganctacccg | 720 |
| gggnttannc | ccaggccttt | cccagggtg | aattncnaag | gggggcttnt | ggtaanncna | 780 |
| agggaggttt | tccaaaactt | cgatnngggg | ggngnaacc | cccn | | 825 |

<210> 4586
 <211> 1546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1546)
 <223> n = A,T,C or G

<400> 4586

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|------|
| ttttngggg | naatncanac | ggnggganaa | canceccttt | ttttggggg | anaaaanccc | 60 |
| cccgcnnatn | tntagecgnca | gcancnca | agtannggg | nngagcacat | nnatncgagg | 120 |
| gagngnnntt | gantntnn | cnctacgnag | ntacntnagn | acagngcacn | ntnagntttg | 180 |
| tgnnnccgnt | tttttttatg | ncataagccn | nccgcngana | tacaatntgg | cgcagacggn | 240 |
| naggtgcggc | ggnnnanagt | gnccagnann | aggcgnggg | gngcancagn | cgcagnannc | 300 |
| gcccanncnc | cnctannag | nganancgna | tccgnnccgn | nagaggcant | ngtcanncgn | 360 |
| cgcgagnnnn | agnnnnnnnt | nnncgangcc | gacgaanana | gnnaggngnc | cnncnnnnag | 420 |
| ngnngnagnc | anaaaannan | tnncncaaaa | naggnagnna | gagnntgna | tanntgcgc | 480 |
| cnngtganta | nccnaagnnc | nacntccncg | gnncccgnnn | ngancaggcn | ncagaaggng | 540 |
| cccnanncnt | nnataanana | ctncnnnnct | nacanaaggn | acnnnnnccng | cacnntgnga | 600 |
| gaagangccn | cngnnaggna | cacccggann | gnnnananaa | agnccgggag | canccaacng | 660 |
| nantncacnt | cgncncgag | natganngn | nnncgcnat | ntcncenn | aacagcnntn | 720 |
| ncngactgaa | ngtgcngna | gccgataatn | gaacngcnc | ntactgcna | ccgantgnnc | 780 |
| cccgcgatnn | cgctanatnc | gtntnnange | gnntcagngc | gcnnnctcgn | ncgnactnnc | 840 |
| catcacgcgc | ntacantnat | naccgcgang | cgcgnangcg | ccangnnng | canacacgac | 900 |
| ancngngtnc | acncgcgnnn | gcgangganc | cgncncgatn | ganacgagag | ctacangagt | 960 |
| atagcgacgt | catancgnga | gnganatgac | gantgactnt | agngcgna | ncnnnnngngc | 1020 |
| tncgacncga | cactntgagn | catcctngan | nnccgnagcg | antcntcgtg | anacanacgc | 1080 |
| gcnantncnc | acngagann | aganggcang | cacgcnatcg | ncgcagctac | gancgnngat | 1140 |
| gagnnntngg | angcgacgn | cgcntgcagc | gcangngacg | gncntgntgn | gcgtngtgcn | 1200 |
| cnantangaa | ncncagcgtt | anancngat | gaaggannta | tagacagnac | cnactggcga | 1260 |
| cnaagcaaag | cangatagac | tgtgacgcat | gacagacggt | ngagggtngg | atcgnnccaca | 1320 |
| gcacgcgcgg | ccacanacgt | acnnnantag | catcagann | nacagaacnc | gacagannac | 1380 |
| agacanactt | gcatngngng | acgananaat | antcncncca | cgcacaganc | agacgagtac | 1440 |

gcatgagcgt ngngcnnngtg annnananat gnagaggcan acnnagntnt nnanaancgc 1500
 tgnannnta cncagcggnn gcagannng cgcncacngn ngcnnt 1546

<210> 4587
 <211> 1003
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (1003)
 <223> n = A,T,C or G

<400> 4587
 tttttttgaa acctttnnnn ntngaatacc nanacaaact ctgnntgtct nngcggggtc 60
 centcaagtc cnatnccgcn cgagcncanc tttntnnann tgcgcgtct gagcccatga 120
 gncacgacnn cnttcccg ggcctgnatt gncatntctc ccaaatacgt ggctnnccn 180
 cantnngaatt natcgnnatt tttagtcca gannattggc nataatgtnc nccntgagan 240
 aaannctnct gncatgngaa accatcttna tacttgncgt nncnaaatnc attgtgannt 300
 ntgaagggga acgggcncn nnaaagngat gaatttcnna taacttnacn ggtnatnan 360
 gaatgatttt gcncacanc ggaaaatcac cccactnntt tgnntcaaga ntgggccct 420
 aacgggaggg gtantagagg caaacntct tgcgggctn tntatttcc tttnttcaa 480
 caccaatntt tgntgaanaa taacagtgtt ttnaatnaa ttaccaccgc ntncantgng 540
 attntttgnc ccattncaaa ggntgggtca attcccetaa aanaattggg aaaanantaa 600
 tttncattt cntttttccn ttnaaangaa accntnccnt gnanntaaaa aanattctn 660
 tntnttccn caaatTTTT nnttttnaaa ccnctnancg gctaaccagg nccgntttt 720
 ggtgncctn tttattgttg gccanntaaa nccccnttt aaaaaaattg gccttnaaaa 780
 aatccttacc atttttnna ancctaaaaa nggattaaac tttcaaanc gtanaantaa 840
 tttngggggg ttcattntnc tttgaactcc cctgcntcc cntanaattn gaattgncac 900
 attggtngna nccaaantat ggatntttca agannaanac tgggcttnca aatgnccttt 960
 ttcancnaat nanntnatat tgccattttg nggccccccc cnt 1003

<210> 4588
 <211> 997
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (997)
 <223> n = A,T,C or G

<400> 4588
 tagannctc tnccttgaa gccntccca ncnactcgaa ttcggcacga gcaaaaaaaa 60
 ggcttttccc tgatttccag aatgtactgg gtggtgtcca tctggtcttg ggatggtgta 120
 agcataagga tttattgaat gaaagtatga aagtgtggtt tttatttgaa agtcaaata 180
 ttggcagntg gtgttcattt attctataaa ctttcaaaac agatgacaag ttttaaggaa 240
 atggggggccc taataccaaa tttggttgaa ttaaatgaaa ttcccaagat tcttttctaa 300
 cctttttctt ttttaaaaga caggggtctc acttctggtt gccccaggct gggaagtccc 360
 aatgggtgcc aatccttggg caagactttg ccctgctaag ttttccctta aggctaaatg 420
 gttaaattaa gtggggtttt tgtggaaatt tcntaagaag cccattttaa agaagggtaa 480
 gttttttttg ggaattaaac ctggtttttt ccattcttac cttaaatgga agcctggacc 540
 tggtaagttt cnattccac cttaaatgga aacctggnaa cctggttttt tccaatcccc 600
 tctttttaat ggaanccctg gaacctgggt aaattggggg gaaaaaaaat ggggtgggtg 660
 gtnggtncaa anaaaaaagg tttttaangg naatttggggg aaaagaaaaa attttccggg 720
 ccttggtggc cntttttccc caagggttaa accttaaaaa aacccaaaaa gaaaacctgg 780

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|-----|
| gttnggnccc | tttgggggtgg | cccccttttg | ntttngggaa | aattccctttt | tcccaagaaa | 840 |
| tccantggaa | tncaagnaag | aaaaaaaaatn | gggggtggcnt | accaccttcc | aacaattttt | 900 |
| taaaaaaaaa | tggaccacnt | ggaccncccc | ctggaccatt | aaaccttccc | tttaaaattt | 960 |
| ancctaattg | ggggaaaaat | ttttttcccc | ccttngg | | | 997 |

<210> 4589

<211> 945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (945)

<223> n = A,T,C or G

<400> 4589

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| ttcnatanca | aagccttaac | ctcnggtttt | tttnttnaaa | aggcccccg | taatcccccc | 60 |
| aattcgggaa | tttttccggc | atancnacct | tgcggtgang | gnganagcna | agtcgggttt | 120 |
| nggtngggna | ccnntgcatg | gnntaggcen | nagnntangg | caaatacatta | tccgttnnnc | 180 |
| aanttgggac | gncgcncccc | cnaaaattng | ggtttaacca | ctttngngtn | ggggcccntt | 240 |
| tccaaaggtg | gntttcccg | agggccnctt | ttttaannng | gaannttngg | aaaacntttt | 300 |
| ttttttnggg | ancaaanact | tanaannngn | cgggggcttt | anccccctg | gtnataggcn | 360 |
| ttttggaccc | tncaagatgt | tcaacgtgan | tcntgccaaa | ggtttggnna | cttgggtgcan | 420 |
| gggaaanaaa | ttgaaccggc | caatgnggat | gccttgcaact | gaagaagnac | ntcaattgct | 480 |
| ttggagtctg | gagaaantgc | attattattn | gctacaaggt | aancatnngn | atggactgnt | 540 |
| catngctgtg | natcgtnntn | nataatancn | gagccnaatg | aannacactt | ctantngttg | 600 |
| tactgnaata | ataggggttna | ngntnntagg | gcagnttgtg | tcncaatcnc | cntangggat | 660 |
| cnmatggtaa | tgatgggtatc | tgnaancctg | ncatactgct | ttaannttnn | gggggaaaac | 720 |
| nggctgagta | cttgaagtgt | aatgnttctn | tacntccagt | agcnananac | tggtatcatt | 780 |
| cagttttnt | cantagnttc | nncaaggtaa | ngnanaatgt | ttttaagnaa | aaatnnggct | 840 |
| tttttggtng | gggggnanaa | aantttcnaa | gnaactcggt | gcctacnnaa | angtgcattn | 900 |
| ttttgtggaa | aaacaanttt | ttgccccgng | aaaaancant | ttttt | | 945 |

<210> 4590

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 4590

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| aatcatctct | accgtttgan | tgcngatcc | ctcgattcga | attcggcacg | agggccaggc | 60 |
| tggtctcgaa | cacctgacct | caggtgatcc | accctccttg | gcctcccaaa | gtgctgggat | 120 |
| tacaggcatg | agccactgtg | ccctgcctgt | aattttttatt | taatttttcc | ggtgatggca | 180 |
| tgagtgaatg | tccacattta | aagttatttt | ggttcacaca | tggcctttgt | ttattattta | 240 |
| tgagaaaaaa | ttatagaaat | aatttaaggg | tggtacagaa | atgcaaatct | agaggactta | 300 |
| aaatgtacat | gaaaactcca | tttgatatga | caaataattt | acaggtcaaa | tattttaata | 360 |
| tttatatata | taatagatgc | cagtttagcac | aattgacaag | ttctctttta | cagaaaaggc | 420 |
| cccaaaatgt | cttctactga | tgcagatca | gttgattatc | tagggataga | tatctgaaat | 480 |
| aagctaggcc | aatttgattt | tctcactcag | gaattatttt | attgactaat | tttattagtt | 540 |
| cattcagtca | gcaagtattt | attgaaggcc | tgttacatgt | ttggttgcta | gagatcaatg | 600 |
| atggaaaaat | tcanaataag | tttctgcttc | aaacaaagaa | attaaattgg | ctagacatgg | 660 |
| gaaaatagnt | ggccttccca | agangggaag | gttctatata | tttagtgctg | ntaaggccta | 720 |

taagaactnc ctctggattt tntcccccn ttgc

754

<210> 4591
 <211> 1389
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1389)
 <223> n = A,T,C or G

<400> 4591

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|------|
| cttnncttgn | tttnngccat | ententcctg | gtgcgtngcc | getgcenttn | natnccnctg | 60 |
| tgtncacaan | nctgttgtgt | ctttacactg | ctcnagtga | tccgtncctg | ncttggatcg | 120 |
| ggnggacctc | cttggggagat | caatncccc | gtccttecta | cactttgctt | ctgtgaggaa | 180 |
| aagaatncca | acctntccag | cccttttaag | gttcccttca | tgaccttnaa | ccctaanc | 240 |
| cccanaaaana | aanaaccaat | ttntttcaac | ccgggaattt | ttttgaaaaa | aaattcnccg | 300 |
| ggnggtantt | tngggaaatt | ttgaacccaa | aaccngaann | gggaatttta | atntttntt | 360 |
| tttgaaaaaa | aaaaatgggg | gttccccatt | taggggtttc | ccaaccccc | caattgggtt | 420 |
| ccccctttt | ttcccttngg | ggggananaa | agggaagg | aacnccnngg | naaaggtttt | 480 |
| tgggggaangg | ncccaanccc | agggganaaa | gggggggggt | tnccctctan | gggnnatttc | 540 |
| cttgggncca | aaaaaccccc | ccccattggt | ncccttttgg | ggnaaaaaaa | aaggggtaaa | 600 |
| ggnggggccc | aaacnaangg | gggtttggcc | ntntnttatt | nccnttccca | aaanggtttt | 660 |
| taaaaacctt | ttttccaana | aancccccctt | ttcccggggc | ccnttttctt | ttttaaaagg | 720 |
| ggntttttcc | naaaaaaatt | tggaattttt | ttgnttttcc | ccttgggtcc | ccttgggggg | 780 |
| ttccccctt | tannccccgg | cacntttttg | ggcccnttng | ggggggnaac | cctttaacca | 840 |
| aggcccaaag | gnccccnttt | cntttntttt | aacccaanng | gggggnnttn | cccctttaa | 900 |
| ancnttttna | aaaaccccc | ttggaanttn | ggngnnaaaa | aaanaacccc | ccnttnnttn | 960 |
| cctttaancc | cccccnttt | aaanccagg | tcccntnccn | ttaacctttt | ngggnnccct | 1020 |
| tancctnggg | nttaaaccct | ttttcgggaa | ttccaaattg | gggnaaaaag | gtgngggggg | 1080 |
| ggcccntttg | gcccccaact | ttttgggaat | tanggnaaaa | canttttttc | gtaaaagnaa | 1140 |
| ggcccaactt | tgcccttaaa | tttttttttg | gaaaaaaaaa | gggaagggnt | ttttgggaaa | 1200 |
| attaaattgg | gnttaaaaaa | naaataacna | antttgggca | aanccnnggg | ganctttttt | 1260 |
| tnaaaagtgt | ncnttttccc | cnttttnccc | ccanttccgn | aaangggaaa | gaagnaaatt | 1320 |
| tnccgggttn | tttatttccc | cannccccc | nttttttttn | ggggggnaaa | aaaaaatntt | 1380 |
| ttttccntt | | | | | | 1389 |

<210> 4592
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(955)
 <223> n = A,T,C or G

<400> 4592

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| actttgatat | tattaaaanc | ccttttncccc | gattttttcta | aatgggccac | gggaatnccc | 60 |
| ccnatcccg | aatttncggg | gtgggaaccc | tnggcccnag | ccnttaccn | angttgggtt | 120 |
| tttccccgga | aaaaaaatgg | gaagggggnt | tgtntgtaat | ggtgtntccc | ccaatttttg | 180 |
| gccaaagaaa | gcccaagggg | gaacaaagcc | aaggttccaa | ttcccccccc | aattaaagcc | 240 |
| cccccttcc | tggaagggg | gaaagggggg | gaangggggn | aatttgcctt | ttaaaaaaaa | 300 |
| gccaaagggc | ccaagttttt | cttgggtcca | aagttttctt | tgaaccgttg | gggccaaggg | 360 |
| tggcccaant | tggcaaaact | tttgggtgcc | cgggaangga | agtctttaaa | ggaaagtgcc | 420 |

1519

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tggtcantaa | attcaataan | gggtccaaga | accaaacaat | cttggaatga | aatgaaccca | 480 |
| cctggaaatg | tggtgtggct | gaccacaaag | gaaggtgaat | cctcttgctt | ggggtgctta | 540 |
| tggtgtcagg | ttgcttnctt | ccacatctct | catttgctta | aagcagctac | aaaaggatcc | 600 |
| aaagactcat | gagactaaaa | atcattctga | ggacaaagag | acaaagatct | gnctgtgggtc | 660 |
| acactgtgag | gcttgcttac | actgatgttc | tctatgggag | gtcactgaag | acattcagcc | 720 |
| ccacacgaga | agatcagagc | aacttggaag | ccccaaagg | agacacaccc | tttaacactt | 780 |
| gccgtgctgt | gcttggtgcc | tgtccttnaa | ggaaggaaaa | gaccctatct | cctctggggtt | 840 |
| ttgntggctt | gacanttgca | acttgatcat | gcctttgact | nctcatctt | nttaacaaga | 900 |
| aggaaagaac | ttgtttttta | ttcnaaaccc | ttttnaattt | nngggggggg | ttccc | 955 |

<210> 4593

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 4593

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| nnaaaaacccc | ttngnngnna | cnncttttga | atnccctttg | cnactngctc | ttntgcnng | 60 |
| gatcccatcg | attcgctaac | aagcgattnt | aaaccaccta | tgagtatctc | ttntagggct | 120 |
| ttcttaanta | catgttngna | tatactgtat | nntagccana | ntaatctttn | atctgatcag | 180 |
| gtagtngcta | aaattagaaa | aaaacaaant | agatgcttaa | agaatttgca | tccatttttg | 240 |
| agtctaaatc | ttttaaaata | tactgagatc | cacatctagt | gaaatgtcag | tgtcaaaata | 300 |
| ttatagatta | tagctaaaat | ccagattaat | actcattngg | ggttttttat | agtggaaactt | 360 |
| catagtnata | caaaangcag | atngtcttcc | tgtctccgct | gctnccacag | taggtattga | 420 |
| aactggtnaa | atcagntctt | ngatagtgtg | tgtatataag | aaaanataga | tacncacatt | 480 |
| cttttttctc | agtcaacaca | ttgattgaac | actctggcaa | agatgctgng | gtggatgagg | 540 |
| ttggagttcn | aaagaagaag | canagcgctg | gcctgccttg | aaagaaccga | agtcctttcnc | 600 |
| attcacttct | ntagaaagct | gccaagacag | angcagaaag | aaatggatga | taggtctgct | 660 |
| aagcacactt | ctggntctct | tagaacttag | aagtgnctct | aagagaacan | aagnctaacg | 720 |
| agaaacagtt | cntngtngaa | tcaacaatct | ttnggntgga | acccnttgg | cntttttttt | 780 |

<210> 4594

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (902)

<223> n = A,T,C or G

<400> 4594

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cttttttcca | aaaaccccct | taccttggtt | tttttttaaa | tggtcccggg | antnccncca | 60 |
| ttgcgcnaatt | tnccgnaaaa | ttncgggnc | caccggaagg | aaaattagcc | catgggaagc | 120 |
| ccggtncacg | gaaaaaacca | gggnccagg | aatttccaaa | aaatccctgg | tttantcccc | 180 |
| aaagnaattgg | cccaaggtn | ggtttaatgg | tnacctcnt | aaagcccttc | caagtttttc | 240 |
| cantccaatc | cttggaata | ataacaatat | tggggtacct | taatccttaa | caangggggn | 300 |
| tggtggaata | acctataacc | ttaattaatg | gtattntgag | gggcattagc | naaagcattt | 360 |
| nggcacatac | tagtgcccaa | nggtgtntct | atttgctgtg | ctacatggnt | acccctttct | 420 |
| ntccctgana | aatctcagga | tttgggcaca | ctgcactact | catntaacnt | aaaataaaca | 480 |
| nagggcgnc | ngtggctcac | tctgtatcca | cacttgggat | gtgacgcgcg | atcacaagg | 540 |
| angagatcna | gacatctact | atctgngana | ccngtcttct | aaaaatcaaa | aantaccggc | 600 |

```

cgggtggcggc acctgtntnn cactctnttg agactgaggc angagaatgg ngtgacnccn      660
naggcggact  tgcagtgagc cgagataagt gctactgcag tncgggnctg ggtgaangag      720
caaagactnc  gnettcanaa nttaaantna gtcananccc aaaattaagc aaggttggac      780
ccccanttan  ttaaaaaaan ttcccgggtt naaaatttgg gaaagccttt tnccaagttc      840
ntntntaaat  ccccaattta nttaaagcc ccccttngg gggttttaaa aaanncccaa      900
ag                                                  902

```

```

<210> 4595
<211> 891
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (891)
<223> n = A,T,C or G

```

```

<400> 4595
ccnntttttt ttgnattttt tcccannttc ccccntttac cttnggggtt ttcttttttt      60
tnggccaagg ggtaatnccc ccnattccg gaatttttnc ggcaaatttt cggtngccaa      120
ccggaaagcg aanttnttta gacgtgggga aaaaagnccc tttgnctac ccccccannn      180
tanagnnggg tnggggncca aaccaaagtc aangggggta ccnactttgn nnaacctngc      240
ctgggaatng aaaccgggtt ttcntnggtt ttccnattcc ccccatthtc ccgntntttt      300
atthtttnaat cggaaaattt gntaaaaacn cggcgggtgt atttaccngn ccctthtttt      360
cantcggatt tttnaaaaaa anaagaggag tggcaaagga aaccctthtc tacacataac      420
tgaangccac cagtgattca gtnccagaga ggaggggcnt nncatantta tattcatcna      480
tgcagcagga ttttcgngta aaaaaatcgt tatcaggcta cacacatgga ggaggctggn      540
ntcgcattgt gaaataccac actngatata cactgnatct tgacctactc ggccgacnng      600
catnaggat anntgtcnct ntntthttct ttctthtgat ntttncngtg tcgnttagaa      660
caaagctcaa tctntcatnt angntcantg cntngtcnca atttnagttt aacttgttgc      720
cntgatcttn ccaggnttaa gcnaatttht gggcctthtag ccttcncaa ttacnctthg      780
gactacacgg cntthtaacc agccttgccc tgggcntgaa ttctgngat cctthtnggt      840
aanaaaaatg ggggggttcc aaccatttht gggthttttt ttnggggggg g          891

```

```

<210> 4596
<211> 828
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (828)
<223> n = A,T,C or G

```

```

<400> 4596
cannnncgtc gannannnan nccnaannaa anannnatna angnnncnna nannnnacn      60
nnntcatngt naccttgaan ccttcaactc ttgcgtctcg angnnccaag nancgnanng      120
gaacgagcca anntthnacg ggcnanctg canccacccc aagacannda tnggcaanng      180
ggcaanncaa cggagtncan nnaactnaaa cnggntgcca nagataccgg cntntgccan      240
agaantnngc tnggcaattg atganaaant atgagnagcc cncctcgatc ggganggcna      300
cangggccgn aannngnctn acnctgngca gngcatnatg agcggcaaaa ngngnagctt      360
gaanncanna tananngata ctcnagcngg angccgggag tgaannacnc nanngctata      420
taacctaacn ttnaacnaga tgggncaaca atgcnanaaa cagggnacn ntangaaang      480
ttggggacgc ccccatccgg gaccangaca catgagntac tncntcaang acanagatca      540
acacangggg gaanacanca cacactgcnn taacngaagc atgaanggaa atgtggcctt      600
tcacnaaaag cgnacaangg attgctagat tgaanacaac cttaacctn ctntagcact      660

```

| | | | | | | |
|------------|-------------|-------------|------------|------------|-----------|-----|
| tggcgattnn | nnntntacggg | aaanggnncg | caaangaggc | tncntntgng | aaaaaaagg | 720 |
| ccnntctcag | ggaaactttt | tcccecgngna | acccccagca | ttgtggnccg | ggcacccca | 780 |
| gggttanttc | ctacaaaagt | nccgnnggcc | ccccccccc | cncnct | | 828 |

<210> 4597
 <211> 1395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1395)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|------|
| <400> 4597 | | | | | | |
| acccccaacc | nncgcccnn | cccccaagcn | nnacgcncg | gcgcnanngc | gnnnacgggg | 60 |
| cacgcggcng | cctntgaacg | cttggaaacn | cncctcgacg | cgcgggccng | cacnaanngn | 120 |
| ccgngcngc | cccgncgng | gnnnnnnang | cctttncnnc | ccnnnacnnn | ncacnccnga | 180 |
| aagcccnnc | cncgcgnacc | gagnaccnnc | nccnncnnc | nccgancnc | ncgcgcncng | 240 |
| ggncgggnant | nnengngggc | nanacnnacc | gncnnncncg | nncacnccng | accaaggcnn | 300 |
| ncnccacnag | accnnagnnn | nnncnncnacc | ccncannccn | nncnncatac | ngccnccnatg | 360 |
| cnaccacn | ccccanccan | cagncnnnga | cctcccnac | gccccnctca | acgncnancn | 420 |
| ncacgcgacn | acngccgcnn | anncgctcna | nnccngccan | ccacnnacca | ncgcnnccagc | 480 |
| cgncgcncag | cccgggccac | nncnagcacn | acnggctngc | accannnnnc | acctnnncgn | 540 |
| acnccaacng | cnnctncnng | cncnncncca | ngcnnccacn | acgacccann | ncnccagagc | 600 |
| gnnaccann | cagcacgncn | gnannatcnc | gccccgcncn | ngcgcnctan | anacgcgcgc | 660 |
| aananaggcn | ncnccnnnca | caancngcng | annangtnna | gcnnnnngnct | gnacnanaca | 720 |
| cacnnnacca | cnnccnccat | gnncanacan | gcngcnnntc | tnatcnnnnn | ngccatntnn | 780 |
| cannaancnt | ncacccccna | gngnagnnca | aanatgnggc | ancnccntcc | cgngntanan | 840 |
| cncggacnac | ncagnncan | taangancgn | cncangag | ncnccntccg | ancnccgaan | 900 |
| gncnccann | nccgncann | cnntnncaca | acgnacacga | cnangnnccg | agcaccnccg | 960 |
| cggccangcn | ngacggccan | ancnancagc | gcaccacnan | accacaggng | nnnnnncaac | 1020 |
| gnncacaacn | nngcanaacc | annnaccct | angacannac | gggnccnccg | ngnccgancn | 1080 |
| nccngcancg | ctacgancan | cgcgnantgc | gcccacgacg | anacacgnac | annnnannnn | 1140 |
| gngngctccn | gacanncncc | gcccacacnc | tnccgncccc | cncnccccagc | agntcgnntc | 1200 |
| nccaccgcag | acgncanag | ctacctcnnn | cngnntnnnc | ccnnnccgca | cancctann | 1260 |
| nctacnangn | acgnntcgc | naacantcgc | ancnccancc | tnccnncnacc | acnatgngat | 1320 |
| ntccgcgant | gcacanncn | nngngccnnc | tnccanntag | acaccangca | gannccngtnc | 1380 |
| nnanccgncg | cncgc | | | | | 1395 |

<210> 4598
 <211> 1053
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| <400> 4598 | | | | | | |
| gtgncctccc | ntccttttca | annnnntngg | aantctcnc | cgcctntctg | tgcnncgcgc | 60 |
| nnctgtgatng | cangantact | gagatgggat | ncnccccacg | tnccccnttn | ctggctctct | 120 |
| gagctcaaan | cnggncagat | tggtnggatt | acagntgtga | ncctcccnct | cnnctcgnan | 180 |
| atggacttnt | taaaaaaggn | ctctnttaaa | gtannaagga | nggntgnant | tgantnccca | 240 |
| nnangacnaa | aacngggngt | aaaaaccatc | ntaaaaggct | gnnatnnnat | ggngagctann | 300 |

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|------|
| tnngntccnc | ngnnaccttc | ngnccccngg | nanctnntgn | nttctnnatc | ctccannnet | 360 |
| ntcanntagc | ncngnnatth | tnancattnt | tecaccnntc | gctngcntaa | tttcnnnnnt | 420 |
| tatgattttt | nttcaccggn | gtctctttcn | ntcnctntn | ntgcengnet | ctcctnnncn | 480 |
| nnnnngtncc | ctantntgtn | taccncanca | tctngttcta | cnntcaacat | ttgnntntng | 540 |
| nnattaacat | tnengtetgn | tcanccttcgn | tncttcannt | mntannctnt | tgnnnecgnan | 600 |
| tengttant | cttactctcn | cgngnctann | ttgtntgatn | nttatcgatn | tcacctcnat | 660 |
| acacntatna | agancnctcn | cgnaatacta | nctnctnana | tanctgatca | cgcnmgncct | 720 |
| nntgntttnta | atactcaacg | tcaccnttat | ngcgcataaa | nttcnnanct | tattgacagn | 780 |
| acattatnat | nannnatann | ttatactnga | ntnatctage | tcgcctcaca | mntanancac | 840 |
| nntnecgancg | tnttnnnctn | ntnnatnatc | tntcnntcnn | tattatctcn | atcccgnta | 900 |
| tatnnattnt | ttngnnnanc | ttcatacnct | cnanactctc | atnacnnctn | ctcnctttna | 960 |
| atgcntncnn | gcttntgatn | tngetcanaa | tcaccatctn | attatctcat | ntccgttctc | 1020 |
| ctnntacnat | ntntatntcn | ttagncttgn | ncc | | | 1053 |

<210> 4599

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1053)

<223> n = A,T,C or G

<400> 4599

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|------|
| gtgncctccc | ntccttttca | annnnntngg | aantctcnct | cgctntntcg | tgcnnnecgc | 60 |
| nntgtgatng | cangantact | gagatgggat | ncnncccacg | tngeccnttn | ctggctctct | 120 |
| gagctcaaan | cnggncagat | tgtnnggatt | acagntgtga | noctcccttc | cnngetgnan | 180 |
| atggacttnt | taaaaaaggn | ctctnttaaa | gtannaagga | nggntgnant | tgantnccca | 240 |
| nnangacnaa | aacngggngt | aaaaaccatc | ntaaaaggct | gnnatnnnat | ggnagctann | 300 |
| tnngntccnc | ngnnaccttc | ngnccccngg | nanctnntgn | nttctnnatc | ctccannnet | 360 |
| ntcanntagc | ncngnnatth | tnancattnt | tecaccnntc | gctngcntaa | tttcnnnnnt | 420 |
| tatgattttt | nttcaccggn | gtctctttcn | ntcnctntn | ntgcengnet | ctcctnnncn | 480 |
| nnnnngtncc | ctantntgtn | taccncanca | tctngttcta | cnntcaacat | ttgnntntng | 540 |
| nnattaacat | tnengtetgn | tcanccttcgn | tncttcannt | mntannctnt | tgnnnecgnan | 600 |
| tengttant | cttactctcn | cgngnctann | ttgtntgatn | nttatcgatn | tcacctcnat | 660 |
| acacntatna | agancnctcn | cgnaatacta | nctnctnana | tanctgatca | cgcnmgncct | 720 |
| nntgntttnta | atactcaacg | tcaccnttat | ngcgcataaa | nttcnnanct | tattgacagn | 780 |
| acattatnat | nannnatann | ttatactnga | ntnatctage | tcgcctcaca | mntanancac | 840 |
| nntnecgancg | tnttnnnctn | ntnnatnatc | tntcnntcnn | tattatctcn | atcccgnta | 900 |
| tatnnattnt | ttngnnnanc | ttcatacnct | cnanactctc | atnacnnctn | ctcnctttna | 960 |
| atgcntncnn | gcttntgatn | tngetcanaa | tcaccatctn | attatctcat | ntccgttctc | 1020 |
| ctnntacnat | ntntatntcn | ttagncttgn | ncc | | | 1053 |

<210> 4600

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1020)

<223> n = A,T,C or G

<400> 4600

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|----|
| tntaatcctt | cttntctattn | nttnggaate | nnantngctc | tatngcgctt | gggcenatgg | 60 |
|------------|-------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| atgccggana | actnnnatgg | gatttttccn | acgttgccna | ttctggncnc | ctgagctcaa | 120 |
| agcaangcng | gattgctngg | attacagctg | tgagccancg | ngcctggctg | anatgacttt | 180 |
| tanaaaaaga | ctnctntaaa | gtagaangaa | nggtggaatt | gtatgcacaa | naagaaaaaa | 240 |
| acctgnaaga | aaaacatact | aaagaggctg | gantgcaatg | gcncgatctt | ggcncaccga | 300 |
| aacctcngtc | tcengggctn | aagtgattnt | cctgccnnag | ncctcccagg | angctgggat | 360 |
| tcaacnnatg | nnccaccann | ccnggntnat | tntgaatngn | tantntcnga | cctgttcctc | 420 |
| tccatagant | ggntcncgga | anntctncca | tnttcnntga | ncacangnn | ntnnncnanc | 480 |
| tantanntnn | ntcnetetan | tnnngntact | ntnnanntna | tcatnttnaa | ntggntctct | 540 |
| atctcnantt | cactaatngn | cctngnacna | tnattancgn | naccnctat | aaaatacaca | 600 |
| tnctngnttc | nnntnanata | caatnacatc | cntngtgagn | cactnactna | nacngtgatc | 660 |
| tctcgcantn | tntcnatcnn | nccnccatat | nnccanggca | catctatntc | agatnnaact | 720 |
| canctngtan | tattnagana | cnctcgacnc | actntctgtt | atacttntnn | cantctntaa | 780 |
| tagagntntt | ncganncnnn | cttctgntnn | ncnanacnac | attntnttgt | tacatcntnn | 840 |
| atatngcctc | tnattntanc | ntcgtannnc | attntncnnt | tctncnctca | ttancnntnn | 900 |
| tancantctc | cncncnttat | ntaaanncgt | ncacacagtg | cnnmntatnc | accgaannta | 960 |
| cntnnacntt | atcacataat | cnctgagtnn | atatactcnn | gttnttctat | tcnctatccc | 1020 |

<210> 4601

<211> 1081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1081)

<223> n = A,T,C or G

<400> 4601

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|------|
| ttnaaccttc | accaccggtc | angatccctc | gattcgcaga | acccaagagc | aaaagcagcc | 60 |
| ttcactnact | gtcccatgaa | ncaaaaattg | gatcttttct | aagcaacaga | aacttttagga | 120 |
| tggcnangac | aaaagctnng | ncttnntccn | tntganntan | natatgnaat | ggagattctt | 180 |
| tctnatgnng | atcccatctn | gttagccnta | aaaannncat | acgngcnnnn | cggaatngga | 240 |
| ccttagcaaa | ccaaatgceg | naaagcctga | tggncgaatt | ngaangangc | cactgncccc | 300 |
| ttaaaaaatt | gagcctcnn | cttnccctgg | gcggnnaaac | ccccttcctt | nttnaacgc | 360 |
| ttcttnntag | ntcaaaaagn | gnggtaaatn | ncccggtttt | cttatagnat | cttgntaacc | 420 |
| tntatccttt | gtttgaacaa | cttttcatcc | cctnttntnt | ccccgggnaa | aagncttctt | 480 |
| aaaaatggnn | gggncctttt | cnttttantg | gatttttcca | atnnttaaac | ngcttttaat | 540 |
| cggnttcctt | aaggananc | ccggaaaaaa | aaaatttgan | tttnggggga | agnaagnatt | 600 |
| tccaacggna | aagaancntt | ttcccttggt | nggccaaaat | atttnatgga | cnctttttta | 660 |
| ttttccccc | cttttggtta | aaggnccttn | ggaantggac | ccccttctnc | caccttttaa | 720 |
| aanacctngg | ggctnggtcn | tttgcccaaa | ccataanaag | ttgggaatag | ctatggcccg | 780 |
| ggtnttttaa | ancccttgng | gaaaaaaaan | gggtttngcc | ntttnttttn | cncnccgtaa | 840 |
| tttnnaaagg | gggggggttt | ttttttctnc | ntttttaaac | caaanggggn | cccaatttng | 900 |
| gggaacctgg | gaaaccnngg | gtttccccca | tttttttttt | tttttttttt | ttaancaatt | 960 |
| aaanaaaatt | cccacanttt | nttttttttg | ngnaaaaangg | ttntttggga | acccccctt | 1020 |
| ttattanggn | ggngggcccc | tttgggnaaa | aanattnttt | tnntttnggg | cgnaaaaaaa | 1080 |
| a | | | | | | 1081 |

<210> 4602

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 4602

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|------|
| cgtnntttaa | cncctnnact | cccgtgcttn | atgccgancc | acncgtactt | aactggcgcg | 60 |
| ngatgtgtgc | tttngtnagg | catcactttt | cccaagnatt | tcatgttcat | ngtaaagagg | 120 |
| aaaaatacan | attnctctat | aatgtctcca | ctnattggct | aantcgccac | ttntcatctn | 180 |
| tgtgggaaat | gccangtttt | gaantcaagc | cttcnnnaat | tnngaacatt | tnntncaang | 240 |
| tttattcccc | aattgcggn | ggaanatccc | tnacctggct | naaaaatnaa | atttctttaa | 300 |
| cccattngga | aattngcnta | aggnnccaaa | anaatttttg | gcnetggcct | ntcttttaan | 360 |
| ggncctttt | ncccaaaaaa | nggaaatttg | gcccaaattt | cttggnggga | cccctggnc | 420 |
| aacncctttc | cccttgga | ccnaagnccc | ccggggaccc | attggccttt | naaanaaaat | 480 |
| gggnanttng | gncccnanaa | aaaaacnccc | cctngggggn | aaaaanttta | aaanngggnt | 540 |
| nggccccntt | taaaaccaa | gnggttgga | aaaantaagg | nncccttacc | ntaattttna | 600 |
| acagnttanc | ccttttttgg | tcttggaac | caaattggng | gnatnaaagg | cggaaaataa | 660 |
| atttggaat | nccccaccc | caattntngg | gaanagtnat | ttggnctttt | tnnaaacaat | 720 |
| ngggaaaaaa | tctttaaggt | ccnaatnacc | cctggggggc | ttggaaagtt | tnntcaaaaa | 780 |
| nggatttnc | aaaaccctaa | cccttcccc | aaaaaaaaag | gggattccaa | ngggtttant | 840 |
| tnccctcaaa | tnccaggtanc | ctgnccctta | aattattatt | aaaagccacc | ctttcccgga | 900 |
| agaatccaaa | tnccgnaacc | anagtttaaa | aaaanccaan | ngaagccttg | ggncanggcc | 960 |
| agttttanaa | gaaaatggcc | cnaacaaccc | ccggttttgn | aaaaaagagg | accnnggggtt | 1020 |
| tttttttttt | ttnaaaaaaa | aaangg | | | | 1046 |

<210> 4603

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4603

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| ttcatcctnt | ntngcttttg | tgcagatncc | tcgattcggtg | agtgtgtaac | tcctaaatta | 60 |
| gaacactttg | gtatctctga | atatactatg | tgtttaaatg | aagattacac | aatgggactt | 120 |
| aaaaatgcga | gggaataata | aaagtggagga | ggcccttaga | tacagaatcc | aggctcaatg | 180 |
| gataaatgtt | tttggccctt | cccaccccc | tcattccagna | gttgggaaaa | aaagtgatgc | 240 |
| cgaatatacc | caactcttcc | ttttggtacc | ctaccatttc | tggtacctcc | tgggttttgg | 300 |
| aaaaattccc | atontaccaa | aggaaacagg | cattagcctt | ttgggtattn | ccccaaaant | 360 |
| tacccccant | tanttcaaaa | aaaccaaaaa | taggtttcaa | ttcaaaaatg | ggaatttttg | 420 |
| gnaaagtttg | gaaagaatcc | ggtacctttc | ggtttggggn | tttttaaaaa | ttccaagaac | 480 |
| caccattgcc | ttttggagga | aattttttaa | ccaggaattc | ccctttnttt | tcaaccctta | 540 |
| ccggaatttt | cntttcttta | atggaagnaa | attctggcnt | caagaaacaa | cccttaccac | 600 |
| ccnttccaag | aaagggttaac | cttnaaaant | ttcccagaaa | agaatanttc | ntnccagcnt | 660 |
| ttttntcaaa | aaataccaac | ctccaaacct | tagcttnctt | ccaatagcca | atttaaagcc | 720 |
| gtgccncccc | agtnaaaagg | ntccttaaac | atggacagaa | catncgagat | gtcagcaaca | 780 |
| aagaaactga | aattccgtgg | atctatncac | acagaactgg | aaaaaaaaaa | aaaaaactcg | 840 |
| gcctctanac | tatagggggg | ccgattacgt | aaattccccc | ccagggnaaa | n | 891 |

<210> 4604

<211> 877

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (877)

<223> n = A,T,C or G

<400> 4604

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| tcgnttngac | tnttgaattt | ngaagccntg | cgngaaccct | cangacncan | ncgnnnccgag | 60 |
| nggnantgmn | cccnatnctn | agatttttct | ggngnantg | catgnggtct | nnnaaggcgg | 120 |
| ntnctngaag | aaccctngnt | tgaattacna | nagagngccn | ngnattnnaa | gcccataatn | 180 |
| tggcnngcgg | tgtccattaa | ttntatancc | nngcnanaca | gatgacactg | ttttaaggaa | 240 |
| atggngccna | acccaanceg | ggtggaanga | atgaatnnca | agantnggtc | tancggggan | 300 |
| ttttttaaag | acanggtctn | actctgttgc | ccatgctgga | gaccaatggn | gcaatcttgg | 360 |
| caganttggc | tgatagttat | ccttnggctn | ccgnaantnn | cggnnaccgn | gaaccccata | 420 |
| gccgttaaag | aggtnaggcc | tntggaatga | aaccgtttnc | cancaaacna | aaagagctga | 480 |
| ctgnnaaacn | catcccacta | antggaaccn | nnnccggctt | ntnaanncnt | cnntnattna | 540 |
| ncctggacct | ggccctaggg | ggaaanaaaa | agntgccngt | tggcnaaang | gaggntnccct | 600 |
| tttntttgmn | naaacaagg | attnccggnt | tgaannccct | gtcccncaga | tgtntcntaa | 660 |
| aggaccccca | taaaaccngg | gnnccgncca | aggggaggnc | cccgttggga | tnttnggagg | 720 |
| attccttttc | cccaataaaa | actnttacc | agnttggngg | agcnnngcng | ccaacccctc | 780 |
| cccgnntnna | tcnttnaaan | cnctctctng | aacnccctc | nnnatntgct | cccatttnaa | 840 |
| ngnnccctaat | ggggtttttt | ttttnttnna | nnnccct | | | 877 |

<210> 4605

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (854)

<223> n = A,T,C or G

<400> 4605

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| nnatcanttt | atcangcttt | ntnntcnntt | tgcaggatcc | catcgattcg | catctggcnc | 60 |
| gaggngccat | aanctcantt | tnaaanngaa | ttntttttta | ntggangana | tnctntcgnt | 120 |
| nganttcngg | ctttntgang | gngacggnta | gnnantcnan | acacacttnc | tnnacattaa | 180 |
| tgggannccg | gcctganctc | ggganctncc | aaaangttng | nntttccctac | gaatgancac | 240 |
| nccttgggnt | gngnggaatn | cgggcgantt | agngctgcna | tggtgacatt | attntntcta | 300 |
| tataacanta | ttgctggcnt | ncctaccgna | gnnnntnnac | cctgnantgt | ggcactnccc | 360 |
| tncatatcca | nanntcctcc | gactgtatat | gccttccgtg | cngcatacaa | nnnangccta | 420 |
| tancttaann | gnaaccanan | nnntgnggaa | nggatganc | caatacatgt | gnncattntt | 480 |
| ncatgngtgt | tccnacatgt | ggnccttcgaa | nctcangctt | tggaaaccag | ngtttcacgn | 540 |
| gacaatgana | cctttccatg | cttntntgcc | ccncaatntn | cctcaatttn | nttataanca | 600 |
| aaaaattttt | nnntntattt | canaaggngg | tccagtantt | ttnttnacat | ggganngact | 660 |
| ttaaaattnc | ctaagcaagg | ggaanccatc | ttttaangan | cattaanttt | ctntgggggg | 720 |
| anaatccaaa | ccanancctn | gaaccttttt | tcaatgaact | tntngcaacn | ttattttttg | 780 |
| agcanccaat | ttttttcggt | tgaaattccc | aaanacaaat | tgtgttttag | aggnnnnaaa | 840 |
| aaatcncttc | cnct | | | | | 854 |

<210> 4606

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1401)

<223> n = A,T,C or G

<400> 4606

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| ccttttgaaa | tttttnnaaa | atttccnttt | accncggggtt | tttttttnaa | tgggccncg | 60 |
| gaatcccccc | natncgggaa | ttttccgncn | tncccttctt | gggaanagga | aaaaatnaaa | 120 |
| tntnngagtt | tantggccca | cnataagggg | aatccaaagt | tngccaaang | tttanatggc | 180 |
| ctgggtntng | ttgcntccca | actggaacct | gggggtttcc | caagggggga | accccccg | 240 |
| aagaacccta | ncccaaactt | gaattttaan | aagaatggaa | gaaagngggg | gtttanctgg | 300 |
| ggtcaagaat | ggaaacaaat | ncctttccac | tnaatgggcg | gtggaaatgg | gcccttttaa | 360 |
| ccanggaaga | atgcctttgg | caggcaangg | aagggaattg | ccaagaatgg | tcccttggct | 420 |
| tccacaagta | ntccattggg | caggncaaaa | tggaacnatg | gtcggaaatg | aataatgggt | 480 |
| tncccccnaa | aaatcattan | ntagtngaac | nttttttggg | ttnggaaanc | cttccttggg | 540 |
| gccnntaaat | taaaagaaaa | aaatggnaaa | gaatgaatgg | taacaagaat | tanttggtca | 600 |
| aaccnngggac | cttncttcaa | agccaagtaa | ntttaagtng | gaaagtctct | cgggaatttg | 660 |
| aaaaaaaaanc | cntttaaaaa | aggnaaccaa | attttttccc | aggnaaaaaat | ttgggaaaaat | 720 |
| naccttggtg | aagnaaaant | ttccttggat | tttcnttttt | taaaacaaag | ttaaggccca | 780 |
| aggggggnaa | aaaantgggt | ttnnaaaacc | ttanccaagg | gggttgggaa | ccccaaaaaa | 840 |
| aaaaaaaaa | ancccccccc | aaggggnttg | naaaaaaacc | aacctttggg | gccttttttt | 900 |
| tgggggttaa | anggaaaaaa | tttngggngg | gncccaagg | ttcccanntt | tttnaaaaaa | 960 |
| aaaagggtcc | naaaaaaaaa | antttttttt | ttttttnggg | aaacnttttt | ttttnttttt | 1020 |
| tttttttttn | aaaaaaaagg | ccccccaaaa | aanggggnan | ccccaattta | agcttttttt | 1080 |
| tttnaaaggt | ttttttttta | aaaaggnccc | ccacntttta | aaaggggtta | aagcnaaatt | 1140 |
| anttttttta | aggggggggg | ggaaaaaatt | aagggtttcn | aaaaaaaaaan | tttttttaac | 1200 |
| ctttgggttt | tggaaaaaaa | aaaaaaccca | aggctttggg | cctttanttg | gttgggacct | 1260 |
| ttttnttttt | taacccccct | tgggttttcc | ttgggttttc | cccaaaattt | tttttggcct | 1320 |
| tgggggaatt | tttnggggaa | accaanttaa | agnnccccan | tttttccent | tttttttggg | 1380 |
| ggggggaaaa | aaaaaaaanna | n | | | | 1401 |

<210> 4607

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 4607

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ngnnnnnnntt | tcnaaanccc | ttttcnaatn | cettggctat | ttgatctcct | tgcangatcc | 60 |
| catcgattcg | aattcggcac | gagaccctct | ctggccacat | ggaggcagtt | tcctcagttc | 120 |
| tgtggtcaga | tgctgaagaa | atctgcagtg | catcttggga | ccatacaatt | agagtgtggg | 180 |
| atgttgagtc | tggcagtcct | aagtcaactt | tgacaggaaa | tnaagtgtnt | aattgtattt | 240 |
| cctattctcc | actttgtaaa | cgtttagcat | ctggaagcac | agataggcat | atcagactgt | 300 |
| gggatccccg | aactaaagat | ggttctttgg | tgctcgtgtc | cctaacgtca | catactgggt | 360 |
| gggtgacatc | agtaaaatgg | tctcctaccc | atgaacagca | gctgatttca | ggatctttag | 420 |
| ataacattgt | taagctgtgg | gatacaagaa | gttgtaaggc | tcctctctat | gatctggctg | 480 |
| ctcatgaaga | caaagttctg | agtgtagact | ggacagacac | agggctactt | ctgagtgagg | 540 |
| gagcagacaa | taaattgtat | tcctcagata | ttcacctacc | actttccatg | ttggggcatg | 600 |
| aaagtgaaca | ataatttgct | atagagatta | tttctgtaaa | atgaaattgg | tagagaacca | 660 |
| tgaattaca | tagatgcana | tgcngaaagc | cagccttttg | aagttatata | atgttttcnc | 720 |
| ccttataaca | gcttaacgta | ttactttttc | ttatttggnt | tatnataana | nagntgngtt | 780 |
| antaaan | | | | | | 788 |

<210> 4608

<211> 793

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4608

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tgntcnccta | gggaaaaccct | anngaaaagc | ccnccanntt | tggnnaaaac | tncgctnca | 60 |
| ntgacgtcca | cacaccctnc | tcgggtagag | ntcattttgt | ggcaacggaa | tgcnccggnc | 120 |
| aaacagnagn | gnatnttnnn | ggcacagaag | gcngngcca | ntttcatgga | cacctggctg | 180 |
| gacctcngng | gaagngaact | ncgataagat | gngtgcggtc | actgcagnac | ctcacantga | 240 |
| taccgtccnc | tctaatggaa | cngancctcc | ccacatgcac | ncnccactca | aanggagntt | 300 |
| naaaggctgg | gttcagggtta | caggggcgtn | ttcttcaccg | tctgaatgcn | ggaagacaga | 360 |
| ntacnagctc | cagaggagcg | ngggcgggag | acggagctga | natgcnngat | gtctaggaaa | 420 |
| ncgtcctcgn | attcctnagc | gcgggcngcn | ngactgntcg | cggcccttgc | ctgncttnca | 480 |
| ngagcgcttc | aacttnnncc | aacacacccn | cggnetgatg | ttccctnnct | ccggcggcct | 540 |
| gcacacccca | acnatacctg | actnnggag | ctcncctnnc | cacacngacc | ntganttnng | 600 |
| gnncaagtna | cancctgtnc | caaantaccg | nttaatncca | aaagngnacc | cntgaaaagg | 660 |
| aanccggncg | ggncctntag | ccngngntnn | ancnggancc | gggnnnncnn | ngngnangnt | 720 |
| ngaaagggtt | cncccgancc | nttntcgcnc | ncctcgnatn | natgcntccc | cnggcantag | 780 |
| ncnacntcan | ncg | | | | | 793 |

<210> 4609
 <211> 1104
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1104)
 <223> n = A,T,C or G

<400> 4609

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| nnnnaaaacn | ctttnnnctc | ccgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gaggaaaagg | gacagcgtgg | ataaaaagggt | tttttaaaaa | catgggatgg | ttaaaggctg | 120 |
| gtttttgctt | tgggaagaaa | gaacttnngg | gaactggggg | ancaggtctt | ttaagaatat | 180 |
| ttaatttgga | aaaatgcctg | ggccacctgg | tcctaatact | gggaatcccc | aaggggcttt | 240 |
| ggaanctaag | ggaattttga | agggaaagtt | caccaagggg | aaagccaaga | atttccaagt | 300 |
| cctggaccaa | ttttatttcc | antgccaaag | gttttttttt | gggtgcctgg | taagttatta | 360 |
| ttgaatggaa | aaagaatggg | aaaaagcctt | gaaattaaaa | ggccatttaa | ttttcctgcc | 420 |
| ccctaagaag | tttggtttcc | accagcccc | taaattccaa | gggccattaa | tgggaataat | 480 |
| ggttaaaaa | caaatggaac | ctggtaaaac | cgtnggttta | ttacgaatgg | ttnaaaggan | 540 |
| ccaaaaaatt | ttaaaaaaaa | angggggggg | tttttttaaa | naaaaaaann | gaagggccat | 600 |
| taaaagggaa | ncccccctca | aattggccaa | nangaatttt | ggaagggggg | ccanttnaat | 660 |
| tttttttaat | ttnttggaag | cccttttaaa | aaaaagaatg | gaaattaagg | ggtgggtttcc | 720 |
| ttccaangga | aagggttaag | gggaatcctt | gggccttgga | aaaangggga | aaattaaatt | 780 |
| cctggaggcc | aaaaaggggt | aattgaaaaa | ccaagccctt | taatngccnn | tttaagnaag | 840 |
| naaaaaaaaa | gggttccctt | ttttaaattn | aaaggggcaa | tttttngggg | ggntttnggg | 900 |
| ggggggaaaa | ancccttttg | gnaaaaaaaa | aagggaaaaa | attngggggg | naaanccctt | 960 |
| nggggtncce | accacaacca | aggggggncc | cccttttggt | nggggtgggc | ccccnaaaa | 1020 |
| acccttaaaa | aggggggggg | tttttngggg | aaaaaaaaaa | atnaaanaaa | tttngggnaa | 1080 |
| aggggcccc | aaaaaaaaaa | aaat | | | | 1104 |

<210> 4610
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4610

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|-----|
| ggncctttgaa | acccttggtt | acntgcccctt | tntgcaggat | cccatcgatt | cgantnccgn | 60 |
| ncnagctana | cctcntatga | gggtnnentn | cagggctacn | gtgattacat | gnatgtntat | 120 |
| nctggnnngt | agcgcctant | ganttgatat | ctgncagggt | nactcctaga | tgtcngnaac | 180 |
| cgcgtganat | ctgcccgcgc | acctnagcat | gnatntgagc | gtctatcaca | nctnnnnngan | 240 |
| actgggatnc | acatntatgg | anttgnnenn | gacaanatga | tatanntgnt | ntcntntant | 300 |
| cngantaant | ctaatttnnn | gntatgtnta | nnggancntc | atacctgtac | aagacgcnc | 360 |
| tagcntgant | gnctangctg | ctnaccacat | gtaggntatg | aaannggtta | nnntagacca | 420 |
| tgnacanmnt | gtgcctatac | ttaaaagatc | tnttgactan | atgctgctcc | ttgtagtacn | 480 |
| nnaccctga | tctggncacc | nctggtnant | tantgctgtt | ngccnnatna | ggtagcgtag | 540 |
| tttnganang | ancatanctg | gcgctacgnc | nggccnttan | ntganccncc | atanacatcn | 600 |
| nctattattg | ataccngccc | ttaggatnag | gcngtgtcaa | atggatganc | naccantagg | 660 |
| cnanttttgg | tntcgtaacna | cttggnaacg | cccttagagt | aatnaaangg | gaagntgaaa | 720 |
| cnggggcntn | gggaaattan | acatcggttg | cntgangcnt | aggcttnctn | atntttggan | 780 |
| ngann | | | | | | 785 |

<210> 4611
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4611

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| gatntttttt | tcaaancgct | aggctactcg | ttcttttttgc | aggatcccat | cgattcgaat | 60 |
| tcggcacgag | gaaagctcat | taccagtagg | acataatttt | tggctctccc | tattcacaac | 120 |
| cagtgcacag | tttgacacag | tggcctcagg | ttcacagtgc | accatgtcac | tgtgctatcc | 180 |
| tacgaaatca | tttggtttcta | agttgtgttt | attcctggag | tgacatgcc | ccccgaatgg | 240 |
| ctcactttca | ctgaggatgc | tgtcctctga | tttagctgct | gcctccagcc | tctggcttga | 300 |
| gaacttacta | aaggcacttc | cttcctgtta | aacccctggt | aactctccat | aaatttggtg | 360 |
| attctctgct | aggcctaaga | ttttgagtta | acatctcttg | aagccaaact | ccaccttctg | 420 |
| tgttttttgc | ttgggataat | ggagtttttc | tttaganaca | gtgccaagaa | tgacaaagat | 480 |
| ntttaaaaaa | anagaaagaa | angnaaaaaa | aaaanccctt | nactttttaa | agnaaaaatn | 540 |
| cctnacnagg | attttttaan | tatnagntna | ttctttttacc | canttttctn | tttnctannt | 600 |
| tcctnngat | ntttttccaan | ctnaanggct | gggnattttt | aaacttcant | ancttggtga | 660 |
| aagacaaaaa | ggtggttttt | tgganttnag | naaatttttt | ggaaaatctg | gcntaatnct | 720 |
| taaatttggt | aaaaaatttn | nggaaaaattc | cttaaaaaaa | taaatntnct | tattaaaaana | 780 |
| aaaantngng | ccttttagaa | ctttngngng | cnttttncn | | | 818 |

<210> 4612
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 4612

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| ttcaaatngc | ttggntctng | ntctttctgn | angatcccat | cgattcgaat | tgtgactnat | 60 |
| ncnaggataa | atgtnatatg | cgtatgattn | tgatatgact | ttgatgagnn | tcttcagggg | 120 |
| aaattnctna | aantgaaatt | gctggattaa | ngggtaaatg | catgnatagt | nttgntagac | 180 |
| aggncannnc | nnctncctta | naggtngtnc | ccttttgtgt | tcctgccann | nataatntgag | 240 |
| agtncaacnga | ntatgtggtn | nanctntata | atgcttgtcc | atctgatang | gaanaaatcg | 300 |
| agtatgcctt | aatntgccct | tcttttatta | tgaatcagat | tttaatnttt | tgccctctaga | 360 |
| actatagntg | agtngtatna | cgtagatcca | gacatgataa | gatacattga | tgagnntgga | 420 |
| caaaccacnn | ctagaatgca | ccgaaaaaaa | tgctcnatnt | gtgaaatntg | tgatgntatt | 480 |
| gcttnatntt | tgaccattat | aagctgcnat | ntncaagtgn | acaacaacaa | ttgcattcat | 540 |
| tcnatggmnt | caggttcngg | gggactgtgt | gnnggatggt | ttntaattcg | acggncacct | 600 |
| gtgccaaatg | cattggngcc | ccngggaccc | cagcttntng | gatncctttt | acatggaggg | 660 |
| gttnaatntt | gccnccttg | ggcngttaat | cacttnggnc | cataagccng | gtttnactgg | 720 |
| tngttgaaaa | tcggntantt | nccgtttcac | caaatttccc | cacngggnat | tttctagccg | 780 |
| nggnagcctt | caaaatggnn | anagcccttg | gggggnc | | | 817 |

<210> 4613

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4613

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gtttnnnnnn | ntnnnnnnnt | tcnaatngct | tggnactng | ttctttntgc | aggatcccat | 60 |
| cgattcgctc | aggcttgagg | ggaagaacaa | gctacttggg | agttaatgga | tgatagctgc | 120 |
| tgtggccatt | tttcttaaga | gttagactgg | ggagatgggt | ttggaaagta | aaatgcaaat | 180 |
| ggtagggtagt | ggttaggtg | ggtgatgcc | aaggcgtgct | gtagaaacct | gcagggtgaa | 240 |
| gcccataact | tttgttacgg | gaatggggta | actgaatcct | aaactagcta | ggggagatag | 300 |
| ggatggaaag | agcagatgtg | gaggttgggg | agaaggaggt | gacaggagat | atatccagtt | 360 |
| ccagagggaa | tagggagagc | tgtgtggcta | agatttaact | gtttggacat | ttaatttggg | 420 |
| gaaattgttt | tccagccaag | tgaataaata | atactggact | tcaagtncaa | gcttcataca | 480 |
| ggaagtgaag | ttttggtgtg | gagatagctg | catagtcagg | gaacactcta | aattaaaaat | 540 |
| agggaggccg | ggcatggtgg | ctcatgcctg | taatcccagc | actttggggg | gccgggcaga | 600 |
| tcatgggatc | aggagttcna | agagcacctt | tgaccagcat | atttgaaacc | ccatctnact | 660 |
| tgaaatncna | aaagattacc | cggcgtgggt | gtgcacgcct | gtatnccact | tctcnggagc | 720 |
| tgngcangaa | aattgcttgg | ccccggaggc | gtggtgcatt | aaccagttc | | 770 |

<210> 4614

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1253)

<223> n = A,T,C or G

<400> 4614

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| ccccnagttt | tcnaaaaaanc | ccncagttt | tggaanaangc | ccctttgtnc | tanacagggc | 60 |
| catcccccaa | tcgcatttcc | gnaaaaagng | cgncgcagna | nggacttggg | nnncgcctgg | 120 |
| acnccngnat | annntcgggc | aacacactgt | cgnggagagt | tttntnnca | gggccggggt | 180 |
| taattacagc | ctcangggta | cggaggggaa | aaacnanggg | ggaanattgg | nanannccgc | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| caaangggat | tttgggggna | aagnaattaa | ncccaccana | ngntntactc | ngncnnaccg | 300 |
| gggccaaatg | cnaggaaatg | gggaaanacc | tttccgtngg | ggcaagcccg | ggnaaccatn | 360 |
| gagcgnggga | ccanttatgg | ggcggggacg | naaacctacn | ggnccaaaca | anggccacct | 420 |
| gcttanggaa | actaggganc | gnttaanaag | ancgcganen | aagcccgttc | ncnnaacctt | 480 |
| tgnttgnnnn | annaatgggc | cntgggggnc | ntncaacacg | gngggnttaa | annngnanna | 540 |
| nngnntttta | acaanncccc | tcaanggggt | aacccgnaac | caacctntgn | caenggggnt | 600 |
| annnccnnna | aaaananccc | acacagcgat | acnncgggga | gaaaaaattt | ntaaannntt | 660 |
| nnaanacca | atngccatnn | aaaacnctt | gcccaaacng | ggaaaaaann | gcccccgga | 720 |
| atntancaac | cccangtagc | cccanaattn | ccccaacgga | gngggcccca | antatctgnt | 780 |
| agggnaatng | nggnattngg | cnnttnnaaa | nggnaanata | cnaccgnttt | gngnggcnn | 840 |
| aanatggggg | ngaattgcaa | aagnngnant | tggncaaaaa | ancnaaaaaa | ncgncctnt | 900 |
| tttnnacnan | canggggaaa | nncctcnagg | gcaaccnata | ccnancctgg | nataagaaag | 960 |
| tccctngggn | acctnanaag | nggngntccc | cccganaaaa | aaaacnaagg | ngggtancgc | 1020 |
| aannccaatt | cccccgngg | atattggaaa | aaaaccnggg | gaanaaaaaa | aaaaanggga | 1080 |
| agngcttntc | canggggggg | naancaattg | gntnaaaaaa | ccctttcncc | tttanangaa | 1140 |
| aaccnttcnt | caaaaaanct | tntaaanaaa | aanccaatnn | ttatnccccg | cgaannccaa | 1200 |
| agnggtnttc | aaaatacnng | gancattaaa | ccgcggnatt | atcccntnaa | aaa | 1253 |

<210> 4615

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4615

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttcaaacnct | nggctcttgt | tcttttttgc | ggatccctcg | attcgaattc | ggcacgaggc | 60 |
| gcaatgcgag | cggtctggcg | agggttgggt | gactgtcact | gccacctctc | cgccccggac | 120 |
| tttgaccgag | atttggatga | tgtgttggag | aaagccaaga | agccaatggt | gtggcccttg | 180 |
| tggcagttgc | cgaacattca | ggagaatttg | aaaagattat | gcaactttca | gaaagggtata | 240 |
| atgggtttgt | cctgccatgc | ttgggtgttc | atccagttca | aggacttcca | ccagaagacc | 300 |
| aaagaagtgt | cacactaaag | gatttggatg | tagctttgcc | cattattgag | aattataagg | 360 |
| atcgttgtgt | ggcaattgga | gaggttggac | tagatttctt | ccccagattt | gctggcactg | 420 |
| gtgaacagaa | ggaagagcaa | agacaagtcc | taatcagaca | gatccagtta | gccccaaagac | 480 |
| taaatttgcc | tgtaaatgtg | cactcacgct | ctgctggaag | acctaccatc | aacctttttac | 540 |
| aagagcaagg | tgctganaaa | gtactgctgc | atgcatttga | tggtcggnga | tctgtaacca | 600 |
| tggaaggagt | aaganctggg | tacttcttct | taattncccc | ttctatcata | agaaagtgga | 660 |
| cagcagaaac | ttntgaacaa | ttgcctttaa | cttctatatg | cttagaaaca | gattcacctg | 720 |
| cnctaggacc | ngaaaaacaa | ggtaccgnat | gancnt | | | 757 |

<210> 4616

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1351)

<223> n = A,T,C or G

<400> 4616

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccnttttttt | ngcnaaaaaa | aattcnncn | tttttngggt | ttttaaaaaa | nanccccccc | 60 |
| atttttttca | tnnnnttttt | tnggnncagt | naaaaaannn | nanantttnt | tnagggnnan | 120 |

```

ataaannnnn nntannnga angnnntnn tntntnaaag tannnnnngn tttttntgaa 180
nnnannagan agnnngnnntt ttttttntnt nnnmntanna gntttttttn tgnnggnatc 240
atantattnt nncaaggagg ggtannntat ttttnnaanga tgaantttgn atntnanngc 300
atnnannaan naaanttnnt natntngnna taatnaaaga attnaataat tanangatan 360
atacntaaaa aaaganncga gagcattntt nntgggattt ttnatcatct caaatnagnn 420
annatatcta tgaatgatan ttanttangn ttnataannt annnnnnaann gtnttatnna 480
annatantgt nattngannt gananaanng atctgccang nangatntna tnaaatntnt 540
nnnngaanaac antnncnagg cgnaatnata ttnntantna ntntntnatt annaatagaa 600
aaatntnatn atnatatana ttnattatac antantatgn tnnaaantat atnanntntt 660
tatactctac tatatgaatt attcnnanga natnaattan agnntngaag aaatatatat 720
atntanaatn tnatttaatc tgtannagan tananacttn cnaancatnt ctatgatata 780
tgananagnn tatattctgt acttaatngn atattanata tgataaatan anagatatat 840
ataatattat nacatacgtg tatanantta tatntatntg nagtacnngn gannaatgat 900
tacttatatn antattnana tncnatanat atnnagggtg tagtcntgta naatgtgna 960
tcannngagt cnnnataata nntntatctg ttatgttgtt atatatttgn tngnatatat 1020
nctactannn nataaggnta taatttgnga nnagatgttn aantttnatc tcanagacat 1080
cnacatgcan atnangttga anantgttt ntatatctca tangtantct cntatngatn 1140
tntagctatt atntagaana nntanatata tntnctctnt atgttnaatg actcataant 1200
ctatnatgtn ngtacaactn nctntgtata nagngatgnc tcatanatta cncnntantn 1260
cngatatata tagnnnattt ntatattnat actctantan ntgatngana tattntatnn 1320
acnnanatag actactatan taataanatn a 1351

```

```

<210> 4617
<211> 805
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

```

```

<400> 4617
ttctaattncc attctaaatn ccagttccaa gccttngtgc aggatccctc gattcgaatt 60
cggccgagaa gatgcagggtg aacaggtagt atcttcccca gcagatgttg ctgaaaaagc 120
tgacagaatt attacaatgc tgcccaccag tatcaatgca atagaagctt attccggagc 180
aaatgggatt ctaaaaaaag tgaagaaggg ctcatatta atagattcca gcactattga 240
tctgcagtt tcaaaagaat tggccaaaga agttgagaaa atgggagcag ttttcatgga 300
tgccccctgtt tctggtggtg tagganctgc acgatctggg aacctcacgt ttatggtggg 360
aggagttttaa gatnaatttg ctgctgncca aaaatttgct ggggtgcatg ggctccaacg 420
tggtgttctg tngagctgtt tggactgggc aagcggcaaa agatctgcaa caacatgctg 480
nttagctatt agtattgatt nggaactgct tgaactntga aatcttgga atcagggttaa 540
gggcttgacc caaaactact ggcttaaaat cctaaatatg anctcangac ngtgttngt 600
caaattgaca cttantaatc ctgtcctgga ntgatgggat tggccttccc ctcggtaat 660
aactatcagg gtggattttg gaaccacccc tcatgggtaa aggatctggg gattggcnca 720
aganttttgn taccagcaca aaagangccc cantcctnt tggcaatctt gggcccatna 780
gatcttncag gtngatntgt nccct 805

```

```

<210> 4618
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(772)

```

<223> n = A,T,C or G

<400> 4618

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| ccntttcnnaa | tncnagttat | cgcnttttttg | caggatccca | tcgattcgtg | ttgctgcatt | 60 |
| ctaagcttaa | cctcctggtc | tcattggcagt | gacttgagct | tttgattcat | agaagaaagc | 120 |
| cagaggttct | gcttggttctt | gtctgccagc | cctcgtcgtt | ctttctcctc | tgccctctcac | 180 |
| ctctacccca | aatacctctg | ttcttagtct | caaggggaga | ataacatcag | ggagcccctc | 240 |
| atcttcccca | gaaggacttc | tcgttcctca | tgtagttaac | tccattgatt | ttcctatctt | 300 |
| ggtgctgata | gctctctaag | ggtagggcac | acctncccac | agccaccctc | ctcttcagag | 360 |
| agcccccagc | cagcagcagg | cccctctgcc | tgcactcctc | aggcttgccc | ctcgtgcct | 420 |
| cagtgaggca | ctagtgccac | tgccgtggcc | caccgggcca | tagctcaagc | tgacgcagaa | 480 |
| atgcctctca | gtggccaaca | tgatgaaacc | cctgtctcta | ctaaaaatac | aaaaattagc | 540 |
| tgggcatggt | ggcgggtgcc | tgtaattnca | gctactcang | aggctgaagc | aggagaacca | 600 |
| cttgaaccca | ggangcggan | gttgcantga | gcccagagctt | gtgctattgc | acttgcaccg | 660 |
| gggtgacaag | anggaaattt | gtctcaaaaa | aaaaaaaaaa | aaaaactnga | nncctntaga | 720 |
| actntagtga | gtcggattta | cgtanatcca | gacttgatta | gatncattgt | ta | 772 |

<210> 4619

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 4619

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| cnnagntcnn | attnggttaa | ngccctttct | cgcagganga | ncccatcgat | tcgaattgan | 60 |
| ctctnggctc | cngctgngna | nagctancnn | gntntttttn | acagccnagc | angcnnngtn | 120 |
| gnatcaccaa | ncntgggncc | ntacnanggc | annatttnng | gccngntgna | tttggnnaaa | 180 |
| agattgngna | anggcaangn | ttctgnectgc | ccaaggacaa | ntgctgatga | gcngaatan | 240 |
| ctgggnacna | annngnttca | cctgatnggt | attnacctnt | ganacacatn | ngtngccaaa | 300 |
| aaatgggaat | aaggnnctga | ggnactctca | gaggcataat | gnactatctg | ttcgtctntg | 360 |
| atanaggngn | gtgnatatgt | gannagccca | taanngagca | tatttcacca | aaactntntc | 420 |
| cctgggtggt | accaccttgg | tcnaatgtng | nagcaattng | caaaaatngac | tangtncana | 480 |
| cgatcctacc | gtgntctnna | ccaactctga | tnatgnnnng | nnctngtctt | cattgcnaaa | 540 |
| angaantcca | ttttgcnnta | ntactacttg | aacgacttag | agtngacnna | tctacccatg | 600 |
| nagtcttaacn | at | | | | | 612 |

<210> 4620

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4620

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| annttacnaa | ancnngngga | cntnctcttt | ctgcaggatc | ccatcgattc | gggggcacag | 60 |
| gccgagctgg | aaggagaatt | tggcaaaaag | gctnatggct | tgctggggat | gttcctgaaa | 120 |
| cgcctcttgt | ctcagcttat | cctgctgcaa | gcattggactt | cccacctctg | gaaaatgttt | 180 |
| tatgatgctc | ggaagccccg | gagtcagatt | aagaatgaga | tcaacattga | caccctggcc | 240 |
| agagatgaat | tcaacctcca | gaagatgatg | gtgatggtaa | cagcctcagg | caagcttttt | 300 |

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ggcattgaga | gcagctctgg | caccatcctg | tggaaacagt | atctacccaa | tgtcaagcca | 360 |
| gactcctcct | ttaaactgat | ggtccagaga | actactgctc | atttccccc | tccccacag | 420 |
| tgctcagcta | agaactgtag | ggaagatgga | tgaccttcac | gcagaactcc | ttttgggata | 480 |
| tacatgatgc | agaaaggatc | ctacatggag | agagacagaa | ctctctcagc | tgacactctc | 540 |
| agagattcct | gatgggcttt | ctcttgaagt | ccaaggcgctc | tgcatgtgtt | ccttttcttt | 600 |
| tgcccatnca | tgaatgggtc | tggtttggnt | ttggtttttt | ttaataagga | atttcccggc | 660 |
| tggttttttg | tgaaggcctg | ttttaaatg | gactttactt | tgcccttttt | ggggtttctc | 720 |
| aantttttatc | ctanaaacct | ttctgacttt | tttccatenc | | | 760 |

<210> 4621

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (612)

<223> n = A,T,C or G

<400> 4621

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cnnagntcnn | attnggttaa | ngccctttct | cgcagganga | ncccatcgat | tcgaattgan | 60 |
| ctctnggctc | cngctgngna | nagctancnn | gntntttnan | acagccnagc | angcnnngtn | 120 |
| gnatcaccaa | ncntgggncc | ntacnanggc | annatttnng | gccngntgna | tttggnnaaa | 180 |
| agattgngna | anggcaangn | ttctgntctg | ccaaggacaa | ntgctgatga | gcngaatan | 240 |
| ctgggnacna | annngnttca | cctgatnggt | attnacctnt | ganacacatn | ngtngccaaa | 300 |
| aaatgggaat | aaggnnctga | ggnactctca | gaggcataat | gnactatctg | ttcgtctntg | 360 |
| atanaggnag | gtgnatatgt | gannagccca | taanngagca | tatttcacca | aaactntntc | 420 |
| cctgggtggt | accacettgg | tcnaatgtng | nagcaattng | caaaatngac | tangtncana | 480 |
| cgatcctacc | gtgntctnna | ccaactctga | tnatgnnnng | nnctngtctt | cattgcnaaa | 540 |
| angaantca | ttttgcnnta | ntactacttg | aacgacttag | agtngacnna | tctacccatg | 600 |
| nagtcttaen | at | | | | | 612 |

<210> 4622

<211> 1526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1526)

<223> n = A,T,C or G

<400> 4622

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| aggntcttgc | ttgncccatn | gcgaacgctg | gaaaccctcg | nncaanagcg | cgngaaacn | 60 |
| cngggntaaa | tgccacggn | nannncacgc | nannncccn | ttttcncacg | cnaccacna | 120 |
| ggngcngan | nagggncntn | anangnacac | nnatcngaac | cantctntna | aagggncgnc | 180 |
| naaantnnnc | tanngtncgg | cntnacgagn | gggaactgna | acccccgngn | nngctacnag | 240 |
| nnacacnaga | aaacancnct | ngggtnaata | caacagccaa | cngncanncg | nntaannaat | 300 |
| tcnncancan | aggagagaga | cnnagnancg | cncacacant | nnngncccaa | cantggnaaa | 360 |
| ccacnagcnc | ntaanananc | gacccangnc | anntnntac | aaganagnng | cctcacngcn | 420 |
| nanncnncac | ntcgtncgca | cccnatngga | accgcaantn | ncgaatcann | ncnnaggggg | 480 |
| ccgccannnc | nnacactcgt | ntnacgngag | cncgctcana | nacntacta | natnnngggc | 540 |
| gcctngngaa | caaaacaaca | ngcccanac | cgcctntag | nnncntnna | anagatancc | 600 |
| gacggganac | tctannacgc | ganangnacn | gtccaaccac | tctagaggga | aantgntngt | 660 |
| ntananaaan | cnacaanggg | tnttccntnc | gcancacaan | gccaaaatcn | atntatgnac | 720 |
| ccatntncnc | tccacnggga | ncancangga | aagaccgagn | agcccaanga | cnananaacng | 780 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| nngtancnt | nnaacaaacc | anannagaca | nnanggnagn | canaancccc | ccaggcaaan | 840 |
| cacnctantn | ngcanaaaac | ccccctaaa | tnancgcgaa | ccctttgncg | ncnanngnat | 900 |
| cggntngaca | gnnnanann | nnnnnnctn | nanactcaa | aggnancaa | gntnganacn | 960 |
| nngcaanaaa | ccagcacgcn | ggtgncnnaa | cactcnggcg | taccennagc | gcanntatat | 1020 |
| caccaccccg | ggacangaag | gtcncgngng | natatannaa | tcnctnnncg | gcgacacgca | 1080 |
| nctctaaagc | nnennagntn | taanangncn | natnntaana | nnangctctc | aaaccnntcc | 1140 |
| gcgnnannng | ncnctannac | tacgcaacca | catcaagnnc | cggnatgcgn | atccanncgt | 1200 |
| tcacataaac | ggggngacca | cnnngngncn | cnancganct | ntgtnnacgn | gnngcgagnn | 1260 |
| ntnnnccgan | nngacangac | nannngnaaa | nacgtaccc | tnggcnaang | cacacatgng | 1320 |
| tgnaccgana | antctganta | tntncnctn | tacacncant | aacnacncan | nagnntanng | 1380 |
| aggnaaacca | antgaatnga | tannncnctn | cgnaacgngg | anncccnnnn | ganantnaan | 1440 |
| ntaagnacan | nnanagnntn | nangcgcgca | nnacctntac | naacnncaca | nnctngcnnt | 1500 |
| cnaaaaganc | nacgcenctn | tcnccg | | | | 1526 |

<210> 4623

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4623

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|-----|
| ttgtnnnncc | cttttnaaat | ncctttggct | anttgnctctn | tttgetngat | cccatcgatt | 60 |
| cgaattcggc | acgagnnngg | actaccttnc | aaaaccnggt | ngggaagcnc | gttacagaan | 120 |
| tgatntctan | tcccctgnat | tctggatgct | gcagaccaac | acctgccnac | aanacncana | 180 |
| cacacacann | caancantat | catgtaagac | agnncgntna | ntnnnnnatt | ntnatncttn | 240 |
| nncattttacn | cantnttgta | nantggntca | tgngtctata | natnnttgta | antattntnt | 300 |
| gananganagc | ganantctga | atcttaagca | tatgctccat | cnttnnatat | gctntgggtg | 360 |
| agaggctngc | ctnatctcat | nttnncatgg | agncaagttt | aatgcctcta | gantacattc | 420 |
| tgggcttcaa | gcatncttat | tttnnaactcc | ctgagtgatg | ggtggataaa | tcnaacattg | 480 |
| nctnagtggg | ntcaagacaa | ctttgntggg | ggttttgntc | acaatcatga | aaatgggttn | 540 |
| gccagataaa | tattttgata | ttagntttcn | tttttnatat | anngcggtag | gtttgaattg | 600 |
| nacnttnaaa | tgnntngggg | tgtnaagaca | ntggnttnca | atnnaattta | tnacatgaat | 660 |
| tggngnctcc | cctttggnga | aaccttaaa | aantnttgna | tacttcttca | taaaaggggtg | 720 |
| tnggatttng | naantttcgg | gggttttnaa | tttttnntga | agcttatttc | ntganaatnt | 780 |
| acttggnnta | ccaagcc | | | | | 797 |

<210> 4624

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4624

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ttgtnnnncc | cttttnaaat | ncctttggct | anttgnctctn | tttgetngat | cccatcgatt | 60 |
| cgaattcggc | acgagnnngg | actaccttnc | aaaaccnggt | ngggaagcnc | gttacagaan | 120 |
| tgatntctan | tcccctgnat | tctggatgct | gcagaccaac | acctgccnac | aanacncana | 180 |
| cacacacann | caancantat | catgtaagac | agnncgntna | ntnnnnnatt | ntnatncttn | 240 |
| nncattttacn | cantnttgta | nantggntca | tgngtctata | natnnttgta | antattntnt | 300 |

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| gananangac | ganantctga | atcttaagca | tatgctccat | cnttnnatat | gctntggtgg | 360 |
| agaggctngc | cntnattcat | nttnncatgg | agncaagttt | aatgcctcta | gantacattc | 420 |
| tgggcttcaa | gcattccttat | tttnnaactcc | ctgagtgatg | ggtggataaa | tcnaacattg | 480 |
| nctnagtggg | ntcaagacaa | ctttgntggt | ggttttgntc | acaatcatga | aaatggttnn | 540 |
| gccagataaa | tatttttgata | ttagntttcn | tttttnnatat | anngcggtag | gtttgaattg | 600 |
| nacnttnaaa | tgnntngggg | tgtnaagaca | ntggnttnca | atnnaattta | tnacatgaat | 660 |
| tggngnctcc | cctttggnga | aaccttaaa | aantnttgna | tacttcttca | taaaaggggtg | 720 |
| tgn gatting | naantttcgg | gggttttnaa | ttttntntga | agcttatttc | ntganaatnt | 780 |
| acttggntta | ccaagcc | | | | | 797 |

<210> 4625

<211> 1133

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1133)

<223> n = A,T,C or G

<400> 4625

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| gctacnagcg | gngngaaaaan | ntccnnccct | ttnaaagntc | cctgggttaaa | aaaaaccccc | 60 |
| ctttttcccc | ttttttgggg | naaaaccncc | ccggtttttc | gcnnaaaaan | nggncccnngg | 120 |
| ggggaaaacnc | ccccaaanttc | ggganangcg | caaaaaaata | ncntggnggn | accgggnnggg | 180 |
| ggaagcncnc | cncacanncg | gagggcacca | nttttaccgn | gaatantggn | nnaggaanca | 240 |
| ngncncnntg | nttaccgggc | gaagcccggg | caangcnntn | tgggtanana | nntgggggng | 300 |
| gaaancngna | tccangggnc | cncnacgcg | cnaanggtag | ggannctnaa | acaannnaaa | 360 |
| ngtggngtcc | gntcnaanag | ngtnganccc | anaaaaaann | ncnnggtaag | nntgcgnncn | 420 |
| atacanaaca | naacnnggaa | gcngatgaaa | taaannnctg | tcatananana | ngnncancnc | 480 |
| acctggnnna | cngggccggg | aacncnanaa | gggnacanac | tcgnagaaaa | aanaanntgn | 540 |
| ntngggncgg | ggccgtgcna | gccacnccaa | aacaananga | annnggatntn | gatnnggnaa | 600 |
| agaanaaana | ttncnaaaan | caaaannnana | atgngnaata | tggggggggg | aaggganann | 660 |
| cgggganngg | ggggggatcc | nnatcctctg | ttaaaaangg | agngngggna | nggggggancg | 720 |
| aaaaccnngn | naagganccc | annatgtgga | anncaggttn | tagnaaccaa | aaaaancggn | 780 |
| nnatctgnag | gngncaanan | nancnttant | cancncnnga | nngccntatn | ggngcaaggt | 840 |
| ggagaaatcn | cnggntaaan | agggnncccn | ggtgggnagt | ggtgaaaaaa | ancccganggn | 900 |
| aaangacnnc | aantngggcc | ccnnaggggn | angaanangg | gggaangnta | aaaagtggaa | 960 |
| accccaaaaan | nngngaaaag | aaggtaattt | tttgnnnaga | accntttaan | cngagggccc | 1020 |
| tccaaaaaaa | aaatactccg | caaatnancn | gaanacntna | ctagggggccc | annnaganan | 1080 |
| aactnntcgn | gctananana | gtgacatccn | ataaaaacgg | tntgaacncc | ncg | 1133 |

<210> 4626

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1195)

<223> n = A,T,C or G

<400> 4626

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agggnnnnnn | nnnnnnnagg | tnnnnnnnnn | nttttttttg | gaaaaagnc | ccccnttttt | 60 |
| ttggggaaaa | acccccctt | tttgggggaa | aatttgggcn | cccncccccn | ttttggtttt | 120 |
| taaggggnnc | ccaaaaannn | nnccccctt | nngggggggn | nnaaanannn | nnnnnncnng | 180 |
| ggnnnnnnnn | nnnnnnnnnc | naaaagngnn | nnnnnnnanc | nnnttggnnn | nnnnngnnnn | 240 |

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|------|
| nnnnntttttt | ttgnnnnnnn | cccnannna | nnnnnnngnn | nnnngnncnn | ngggngnggg | 300 |
| gggncnnnnn | nnnnnggggg | ggggggnaa | nnngggngnn | anacnnnnng | gggggggaan | 360 |
| nnnggnnnnn | nnnannngg | ncnccnann | aancgnnnnn | anancnnnn | nganggnnnc | 420 |
| ncnnannang | nnngnaacnn | naccnnnnna | cnnngnngng | aannnnngnn | gnnancnnnn | 480 |
| nnnnnncnng | acgccccgc | gccgcnanga | ananaggcgg | ccaacgnaca | ccaggaacgn | 540 |
| nggcgnnaaa | gcagancagn | cgaccnnacg | nagngcngag | agcncnagna | angaacngag | 600 |
| naggganngn | nacgnaccan | nnngnaggcc | cncgcnnnag | aggngcaagn | naaacgnncg | 660 |
| ggagancaaa | angacacnaa | acngncannc | gaancaaccg | aannangggg | nccagccnag | 720 |
| acacgangca | cacngnaann | gagnangnnn | acagacgaan | nggganacgn | nannancaca | 780 |
| gnaannngcn | naaggccncc | gganacaang | ggacgnnacn | gccngnngcc | ncaaaggccn | 840 |
| gaagaaannn | nngcgagaca | nncengcngn | gncnnngnan | aagagggnaga | cangggncga | 900 |
| nnnnangggg | aaggacaanc | aancnaagga | gcgcnnngnan | cacnnnccan | nggannagca | 960 |
| ncngacaana | annnanaacc | gnnaacgncc | ngaaaagagn | annnnagaaa | aannngaangc | 1020 |
| aaacngaacc | ggcacncncc | nnnnnncgac | ngcagacaga | nnagggnnccg | gnccnaacnn | 1080 |
| ngagggnnnn | ncgaganaca | ncggngaang | cngnagnaac | cgagnaaang | ncnannngac | 1140 |
| nannngnca | ncacncnccn | gannggcgcn | nanaacgcnn | gncncaaaan | ncgcc | 1195 |

<210> 4627

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A, T, C or G

<400> 4627

| | | | | | | |
|------------|-------------|-------------|------------|-------------|------------|-----|
| cttttcta | gcttgggntn | gctctttttg | caggatccct | cgattcgaat | acagccctnn | 60 |
| cgntgncgct | ggntctgatg | gctgggntnt | tganncgagn | ctctngtgna | ngtncacacn | 120 |
| cnctcacncg | acatatggga | cattacacac | acactcctgc | tcaaagtctg | taccatnat | 180 |
| gngtggaant | tctgnaggcc | tnagctctgg | cccntanggc | ggannnnngcn | actactttnc | 240 |
| atnaccncga | caccaagggtg | gctatggcct | ttccnacttn | aactacaacg | ttggnnnggg | 300 |
| canannatcn | tnattnanna | ncaaagctta | ncangatagg | agagccnnat | aanngactgg | 360 |
| gaacntactg | nnnacancn | atctgagaac | tcatgcgga | catggtggag | ncctatntgc | 420 |
| tcgaagaaac | tgtgttaaca | tgnaactcatg | tgcnnggctn | acactcntng | ctgttncntg | 480 |
| cnnatngtat | acatgtatga | cacttctgtc | tgtgnaaagt | ggaagcattt | ctcatacngg | 540 |
| ncctatgtct | aatnagtnt | gaccccnngc | tgtagtngct | aantgnaaca | ggnttgatcc | 600 |
| ttacnntgaa | taactgtcac | atnnttaatg | agctggagaa | aagtagtcca | anccttagcc | 660 |
| cttctnggga | aagtttgccc | aacngtntgg | gagtncaaaa | ttnccttttna | ggtnaaggcc | 720 |
| cctttntnn | | | | | | 729 |

<210> 4628

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (911)

<223> n = A, T, C or G

<400> 4628

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tantangann | nntnnnnnnn | nnngtnnnnn | atcanatnnn | nnntnnttna | nngntcnttn | 60 |
| tntnggggnt | naananangc | gnnagtnnnn | gattttgaaa | acnttataa | gccttnangc | 120 |
| natcgngttt | ntncagggnc | ccntcgantn | gnnatcgga | cgagccggan | tacgccntgt | 180 |

```

ttgggggttat gtgggtcggg gtggccgggtg nttcngcctt cnggggcctt gcngagactn 240
accctctanan cgtcgtctgcc cccagctcan ctcttactgc gggcccgnctc cnacggggga 300
ccatnctgtc agggactatg cggcccaaac atctccttcg ccaaaagcan gcgccgnnac 360
cgggcgcctc gnggcggnaa ttggcgcant ggtggacgtc cannttgatg agggactacc 420
accaattcta aatgccttg aagtgaagg cagggagacc agactgnttt tggaggtggc 480
ccancattnt ggggtgnang gaaannccna cccaaaatgn ntncgaggac tattgctatg 540
gatggnacan aaggcttggt taagaagccc aaaaaaagta ctgggatnct tgggtgcacca 600
aatcaaaaat ttccttggtt ggtcnccttg gaactttngg gcanaaaatc antgaantgt 660
caattttggg gaaaccctan ttggattgaa angaagggtc cnatcnaaaa anccaaaacc 720
aaattttgcc tccccnnttc attgctggng gggccttccc aagnaatttt tnaattnggg 780
aaaaattgga agngggtttg gaanccnaag ggaaaaattt ttttgggtgg naacttgggg 840
tannttcnaa aggggttttg gtccgaaatc cttggcntta ncctttcccn ttnttgcccc 900
aaangggggn g 911

```

<210> 4629

<211> 944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (944)

<223> n = A,T,C or G

<400> 4629

```

aaaanncann tacnnnnnna annnanatnn tancnaaaan ntnattaann nntnegganc 60
ncncnnncnn cngttgatcc caancttaac caccntngan tcngatatcc ngagcctcgc 120
atgcnnncnt naaacnatnc gnangggnga nccaaccnn ggtctccna angaacngcc 180
cncnggantg acctgnacc ctancaaagc aacnngnccc anctntttga aagggttcta 240
gggcangcga aaaccnaata agncccttn aaaaccnaca ngaaactngg ccngatccct 300
naanncnccc caagntgct nccaccntn ggnnntnttg cctngnangc tncatnaacc 360
ccctgnaaca tnaaggangc naccaggnaa aacacaanga cattccnccn ttaacntngg 420
aagnaaaagc cnnanntcta aatacanncc caaccagacc cannttggg ggggtntggg 480
gaaanacctn ngnggggggg gngnaggngg gnntaattaa ngntaanatt antnnccaaa 540
ggntcccaa aggccttgnt ttnnncccc ttnnncaaaa aacaaangaa ccntttttnc 600
nanggnctgn nntannnaaa aatnggggnc ccccaaaaaa aaaattncnn tgntanggaa 660
ncaacntag gcttggnatc ncccnttaa tggggggccn tggaaaaaaa ttntaaaata 720
taaaaaattn cccgggggna ttngnaaacn cnntgccngg nnaatttggg aangnnnggg 780
gtttctngtt naaaantngg tngnatnga cccanaaaat ntttttttna ttatncaaaa 840
nnngtttaa ttccnncna ttcttaaaaa nttatcgggg aancaaaaan natnggnnaa 900
aaaaacccca nacaanttn ggggaaaacc ccnnttanaa aant 944

```

<210> 4630

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (937)

<223> n = A,T,C or G

<400> 4630

```

gttctaatac ttggaattna atcgttggaa agagctagng attttngaaa tgggtcataa 60
gtagatgttg tggannggaa nnaanntng gatactgatt ttntaagngt ngttgtgnat 120
tggtcaggaa ttgttnanna ngnanataa anttaantna agatancatg cnantaacnn 180

```

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| agatagaaan | aannatgggg | gagtntntga | tnnnnagnaa | ntataacntn | ataagntntt | 240 |
| attnncttac | nanggtaaaa | gattttntga | aatggatnac | tnnntnagtt | tnnatntntaa | 300 |
| tatgggttnna | gaancacttt | tttnatgann | catngaagat | tnntnatann | cantatatatt | 360 |
| tntaanannag | ancttanngc | atntatggcn | atttnatttg | tgcttttann | taagttttct | 420 |
| tggatgnaag | ntatatnatt | nannatttta | tggtanntga | ataganantn | gtangtaatt | 480 |
| ttgatgtant | aatagtngnt | taatganaan | ttttntntaa | nannnttant | tnggntnatt | 540 |
| natntgnaan | tttntnggng | ntaaataatt | ncnatttntt | gaaantntnc | ntttaataat | 600 |
| tngtatatta | accntngaac | aagataatat | aattgnnaac | agntntttatt | naatattnta | 660 |
| naatantnt | gaatanngt | anatngggan | ataattattg | gggttnnatng | tanttggttt | 720 |
| cnacgtaana | ttttaatnng | tnaaatntgt | attnnnaaan | ncttgnntgt | aantnattaa | 780 |
| ngaccgccta | natttaaagt | tnnttagtna | ataaattngg | ntttgggnaa | naaaatattn | 840 |
| tatatttata | ananatnnna | nnaattnann | tctttaataa | atttanangn | ntntnatata | 900 |
| tntaatnata | ttantttata | nttttgtata | nnagnaa | | | 937 |

<210> 4631

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (937)

<223> n = A,T,C or G

<400> 4631

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| gttctaattgc | ttggaattna | atcggtggaa | agagctagng | attttngaaa | tgggtcataa | 60 |
| gtagatgttg | tggannggaa | nnaannttng | gatactgatt | ttntaagngt | ngttgtgnat | 120 |
| tggtcaggaa | ttgttnanna | ngnanataa | anttaantna | agataancatg | cnantaacnn | 180 |
| agatagaaan | aannatgggg | gagtntntga | tnnnnagnaa | ntataacntn | ataagntntt | 240 |
| attnncttac | nanggtaaaa | gattttntga | aatggatnac | tnnntnagtt | tnnatntntaa | 300 |
| tatgggttnna | gaancacttt | tttnatgann | catngaagat | tnntnatann | cantatatatt | 360 |
| tntaanannag | ancttanngc | atntatggcn | atttnatttg | tgcttttann | taagttttct | 420 |
| tggatgnaag | ntatatnatt | nannatttta | tggtanntga | ataganantn | gtangtaatt | 480 |
| ttgatgtant | aatagtngnt | taatganaan | ttttntntaa | nannnttant | tnggntnatt | 540 |
| natntgnaan | tttntnggng | ntaaataatt | ncnatttntt | gaaantntnc | ntttaataat | 600 |
| tngtatatta | accntngaac | aagataatat | aattgnnaac | agntntttatt | naatattnta | 660 |
| naatantnt | gaatanngt | anatngggan | ataattattg | gggttnnatng | tanttggttt | 720 |
| cnacgtaana | ttttaatnng | tnaaatntgt | attnnnaaan | ncttgnntgt | aantnattaa | 780 |
| ngaccgccta | natttaaagt | tnnttagtna | ataaattngg | ntttgggnaa | naaaatattn | 840 |
| tatatttata | ananatnnna | nnaattnann | tctttaataa | atttanangn | ntntnatata | 900 |
| tntaatnata | ttantttata | nttttgtata | nnagnaa | | | 937 |

<210> 4632

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 4632

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| tttngnaaaaa | annnnncnag | agggtttttg | ccnaaaaaat | nggcccnttt | gggggaaaaan | 60 |
| tttgcaaaaa | atccccnttt | ttggggnaaa | aaggngggcc | nnnannnnnn | anngnattnn | 120 |
| gangangnna | nnaaatnnnn | nnnnnngggg | ngggngnnan | nannntnang | ngngaangag | 180 |

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|------|
| ggggnaaaant | tanannanna | gnnnnnnnnn | tntanannng | nnnnnnngna | nnanannngn | 240 |
| gtttanannnn | nnnnnnngngn | nangnnnnnn | gnaangggag | gggnnaanan | nnnnnanana | 300 |
| nagggggggg | ggngnanacn | nnnttanacg | nggngggggn | nnnannnaaa | ngagganann | 360 |
| ncnaggnaga | nannananan | gagaannana | naanannann | angagantan | nnnaannata | 420 |
| nganaagagg | nnaaaggnac | cgnnaggngg | gggnntgnta | nacanmntga | nntnggcna | 480 |
| ncaacnaatc | anacatgact | gagaatnggn | ntacnaanta | nnaananta | nngagaantg | 540 |
| ganggaaaga | ngantcaaga | atanaaaagg | acaacatgag | naaanaanga | cacgntatnc | 600 |
| gaanatnnga | agaaananaa | anagncggca | aanatangnt | gaatagnaaa | tnnnnacgng | 660 |
| ataatannan | annntanann | nagnnaccat | ctngaagcaa | gagtnactnn | gtnaaacgac | 720 |
| antanatnng | agnagagnnn | ntnnnnannnt | tcnantagng | gnagacnacn | atannantan | 780 |
| tgnttanaat | nctncgaaaa | tntaactanc | naanacntat | atgaatgaga | nnnatatcta | 840 |
| ntnngagaca | ntncnagcac | nnnnnnngtg | naaaannnac | annannngtg | ntganancnn | 900 |
| gatgtgtcac | acacangntg | ntnnactnta | nnnnattaga | cntnangana | nantatccga | 960 |
| gntnnannan | naanantnnt | gananaatcta | gaaatatnga | tnacanatna | aaananatat | 1020 |
| ntctagcnca | tcatgagata | tncnancaga | ngctgancng | aagatanncg | agagtctacn | 1080 |
| tanatncana | ntaactgnat | nnanataagc | annatgatan | atantgncgt | nancnnnagn | 1140 |
| taanggagaa | gactanntng | tnatcnntn | gaaancctaa | nanacatgnc | a | 1191 |

<210> 4633

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4633

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|------|
| tttngnaaaaa | annnnncnag | agggtttttt | ccnaaaaaat | nggcccnttt | gggggaaaaan | 60 |
| tttgcaaaaa | atccccnttt | ttggggnaaa | aaggngggcc | nnnnnnnnnn | anngnattnn | 120 |
| gangangnna | nnaaatnnnn | nnnnnnnggg | ngggngnnan | nannntnang | ngngaangag | 180 |
| ggggnaaaant | tanannanna | gnnnnnnnnn | tntanannng | nnnnnnngna | nnanannngn | 240 |
| gtttanannnn | nnnnnnngngn | nangnnnnnn | gnaangggag | gggnnaanan | nnnnnanana | 300 |
| nagggggggg | ggngnanacn | nnnttanacg | nggngggggn | nnnannnaaa | ngagganann | 360 |
| ncnaggnaga | nannananan | gagaannana | naanannann | angagantan | nnnaannata | 420 |
| nganaagagg | nnaaaggnac | cgnnaggngg | gggnntgnta | nacanmntga | nntnggcna | 480 |
| ncaacnaatc | anacatgact | gagaatnggn | ntacnaanta | nnaananta | nngagaantg | 540 |
| ganggaaaga | ngantcaaga | atanaaaagg | acaacatgag | naaanaanga | cacgntatnc | 600 |
| gaanatnnga | agaaananaa | anagncggca | aanatangnt | gaatagnaaa | tnnnnacgng | 660 |
| ataatannan | annntanann | nagnnaccat | ctngaagcaa | gagtnactnn | gtnaaacgac | 720 |
| antanatnng | agnagagnnn | ntnnnnannnt | tcnantagng | gnagacnacn | atannantan | 780 |
| tgnttanaat | nctncgaaaa | tntaactanc | naanacntat | atgaatgaga | nnnatatcta | 840 |
| ntnngagaca | ntncnagcac | nnnnnnngtg | naaaannnac | annannngtg | ntganancnn | 900 |
| gatgtgtcac | acacangntg | ntnnactnta | nnnnattaga | cntnangana | nantatccga | 960 |
| gntnnannan | naanantnnt | gananaatcta | gaaatatnga | tnacanatna | aaananatat | 1020 |
| ntctagcnca | tcatgagata | tncnancaga | ngctgancng | aagatanncg | agagtctacn | 1080 |
| tanatncana | ntaactgnat | nnanataagc | annatgatan | atantgncgt | nancnnnagn | 1140 |
| taanggagaa | gactanntng | tnatcnntn | gaaancctaa | nanacatgnc | a | 1191 |

<210> 4634

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4634

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| acttagangg | ntgaagtga | anncccttct | gcaggaagcc | catcgattcg | aattcggcac | 60 |
| gagagcagac | gttgaaggca | ttcagtataa | antttttcga | acatttcacc | atggagtcag | 120 |
| ggttgatggc | atagcttgga | gccagagac | tagacttgat | tcattgcctc | cagtaatcaa | 180 |
| attttgtact | tcagctgctg | atatgaaaat | tagattattt | acttcagatc | ttcaggataa | 240 |
| aaatgaatat | aaggtttttag | agggccatac | cgatttcatt | aatgggttgg | tgtttgatcc | 300 |
| caaagaaggc | caagaaattg | caagtgtgag | tgacgatcac | acctgcagga | tttggaaactt | 360 |
| ggaaggagtg | caaacagctc | attttgttct | tcattctcct | ggcatgagtg | tgtgctggca | 420 |
| tcctgaggag | actttttaagc | taatggttgc | agagaagaat | ggaacaatcc | ggttttatga | 480 |
| tcttttggcc | caacangcta | ttttatctct | tgaatcagaa | caagtgccat | taatgtcagc | 540 |
| acactgggtg | ttaaaaaaca | ccttcaaagt | tggaccctg | cgggaaatga | ttgggtaatt | 600 |
| tggggatatt | actcnggcc | agttattcct | caaaaataaga | gaccctgtca | catggatccg | 660 |
| agcctgctta | attcangggg | gnccacaatt | taggggaaaa | tctggttnca | accactggg | 720 |
| ttatnctg | ccaaaatggg | ccaagnccag | tttnat | | | 756 |

<210> 4635
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4635

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gnnnnnnnnn | cnngnnnttt | naannccctn | tttcaaagtc | ttggctactc | gttctttttg | 60 |
| caggatccca | tcgattcgcc | aatggatgca | gganaactga | gatgggattn | ccncacgttg | 120 |
| cccaggetgg | tctcctgagc | tcaaagcaat | ccanattgct | gggattacag | ctgngagcca | 180 |
| ccgtgcctgg | ctgagatgac | ttttaaaaa | ggactnctct | aaagtagaag | gaagggtgga | 240 |
| attgtatgca | caagaagaaa | aaaacctgna | agaaaaacat | actaaagagg | ctggagtgca | 300 |
| atggngcgat | cttggctcac | cgnaacctnc | gcctnccggg | ntcaagtgat | tctnctgect | 360 |
| nancctccca | ggtagctggg | attacaagca | tgggccacca | cgcttggtca | attatgtatt | 420 |
| tttagtanag | acggagtttc | tccatggttg | tnaggctggg | ctcgaactac | ccgacctcag | 480 |
| gtgatccacc | cacctnggnc | tcccacagtg | ctgggattac | aagcatgagc | caccgtcccg | 540 |
| gnetccctgt | nncagnntct | ataatntggt | cntattatat | tctgggtata | tgtnggnngt | 600 |
| gtgattatc | atgtgganct | attntcacat | tctttgnatt | aactatnatn | gtccttnaat | 660 |
| ggtntaaana | naaagtttca | ttcctacaaa | agnnggtttt | ggtccaaata | accncgggtt | 720 |
| ttcaagggtta | accaatcntt | gaaaaaaaaa | accttnantt | cnattntaaa | aaatnaacca | 780 |
| ttttaaaant | tngccnantn | ccanttttaa | acattaaaa | | | 820 |

<210> 4636
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4636

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| ttctaatagct | tggnttnaaa | cccttttaaa | ncccttgac | ttgctctttn | tgcaggatcc | 60 |
| catcgattcg | gagaggagca | ggtgcagtga | ttcataccca | ctctaaagct | gctgtgatgg | 120 |
| ccacccttct | ctttccagga | cgggagttta | aaattacaca | tcaagagatg | ataaaaggaa | 180 |
| taaagaaatg | tacttccgga | gggtattata | gatatgatga | tatgttagtg | gtacccatta | 240 |
| ttgagaatac | acctgaggag | aaagacctca | aagatagaat | ggctcatgca | atgaatgaat | 300 |
| accagactc | ctgtgcagta | ctggtcagac | gtcatggagt | atatgtgtgg | ggggaaacat | 360 |
| gggagaaggc | caaaaccatg | tgtgagtgtt | atgactattt | atttgatatt | gccgtatcaa | 420 |
| tgaagaaagt | aggacttgat | ccttcacagc | tcccagttgg | agaaaatgga | attgtctaag | 480 |
| ccaaaagaaa | gtctaattat | atacagaaga | taaagctaaa | cgtaattatt | atttaaataa | 540 |
| aagctatttt | tttaaataaa | ttgaaatttt | tcatgatgct | actaatttgc | cactaaatac | 600 |
| tgcaaatggg | caccctgnat | ctcttctgac | attgggatgt | tatttgctta | tattcttata | 660 |
| attttnaaat | gaaggcacag | tngaaatgga | aaattttatn | ctcnatgggt | cctgggttatt | 720 |
| tttaaactct | taaccancaa | aattttggcc | ttaantttct | ttttatatat | accncnnc | 778 |

<210> 4637

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4637

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttnaaaatcg | cttggcnact | cgtcttttct | gtnggatccc | atcgattcga | attcggcacg | 60 |
| agccaaaatg | gggtggggcg | cagtggctca | cgctgtaat | cccagcactt | tgggaggccg | 120 |
| agggtggcg | atcacgaggt | agggagatca | agaccatcct | ggctaacacg | gtgaaaccn | 180 |
| ggtctctact | aaaaatacaa | aaaaaaaaa | aaaaaaacta | gccaggcatg | gtggcaggca | 240 |
| cctgtagtcc | cagctactcg | ggaggcagag | gcaggagaat | ggcgtgaacc | tgggaggtgg | 300 |
| agcttgacgt | gagccaagat | cgtgccactg | cactccagcc | tgggtgacag | agtgagactc | 360 |
| cgtctcaaaa | aaaaaaagaa | aataggcaca | ataagtaata | catttctgcc | caagtaagag | 420 |
| ccttcccttt | tgtggatgta | atgaaaatat | cttcaagcac | tttataaata | aattatatgt | 480 |
| ctgatactag | ccttccattg | cctggatcac | atctgattgt | cctggtaatt | tgagaaaagg | 540 |
| gtagccctt | ggtatggata | gtagcttgat | gacatggaat | tcanggaaaa | gactatgatg | 600 |
| gtgtcacttg | taactgcttt | tgggtctgta | aaatggcatg | gatttaagaa | gagaattggc | 660 |
| tgggtgccgt | ggcttacacc | tgtaatccta | cacnttggga | ggccaaagtn | aggctgcttt | 720 |
| gaccagaat | ttcagaccaa | cctggccaan | | | | 750 |

<210> 4638

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4638

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttnnnnnnnn | tnttcaaact | ctttgctact | tgttcttttt | gcaggatccc | atcgattcgg | 60 |
| gcggaggagc | agaagctcaa | gctggagcgg | ctcatgaaga | acccggacaa | agcagttcca | 120 |
| attccagaga | aaatgagtga | atgggcacct | cgacctcccc | cagaatttgt | ccgagatgtc | 180 |
| atgggttcaa | ntgctggggc | cggcagtggg | gagttccacg | tgtacagaca | tctgcgccgg | 240 |
| agagaatatc | agcgacagga | ctacatggat | gccatggctg | agaagcaaaa | attggatgca | 300 |
| gagtttcaga | aaagactgga | aaagaataaa | attgctgcag | aggagcagac | cgcaaagcgc | 360 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cggaagaagc | gccagaagtt | aaaagagaag | aaattactgg | caaagaagat | gaaacttgaa | 420 |
| cagaagaaac | aagaaggacc | cggtcagccc | aaggagcagg | ggtccagcag | ctctgcggag | 480 |
| gcactctggaa | cagaggagga | ngaggaagtg | cccagtttca | ccatggggcg | atgacaatgt | 540 |
| ttgccacagc | cttntgcctg | gaacctggct | cgtgcttgtg | accagaaggg | aaaaggcngc | 600 |
| tgttttggct | ctttcttccc | cgcaanggac | cccgnntgac | cccgccttgg | attggaagaa | 660 |
| gccaaaagg | agaacccctt | tttcggaac | ccggtttaac | aagntccctt | ggtntttttg | 720 |
| ggcannngnt | tttngggaaa | cccttgaang | gggccctttt | ttcccttggc | aacnttaaaa | 780 |
| angncacctt | gncnttggg | annaacancc | attccggngc | ttcntcc | | 827 |

<210> 4639

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (827)

<223> n = A,T,C or G

<400> 4639

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ttnnnnnnnn | tnttcaaate | ctttgctact | tgttcttttt | gcaggatccc | atcgattcgg | 60 |
| gcggaggagc | agaagctcaa | gctggagcgg | ctcatgaaga | acccggacaa | agcagttcca | 120 |
| attccagaga | aaatgagtga | atgggcacct | cgacctcccc | cagaatttgt | ccgagatgtc | 180 |
| atgggttcaa | ntgctggggc | cggcagtggg | gagttccacg | tgtacagaca | tctgcgccgg | 240 |
| agagaatatc | agcgacagga | ctacatggat | gccatggctg | agaagcaaaa | attggatgca | 300 |
| gagtttcaga | aaagactgga | aaagaataaa | attgctgcag | aggagcagac | cgcaaagcgc | 360 |
| cggaagaagc | gccagaagtt | aaaagagaag | aaattactgg | caaagaagat | gaaacttgaa | 420 |
| cagaagaaac | aagaaggacc | cggtcagccc | aaggagcagg | ggtccagcag | ctctgcggag | 480 |
| gcactctggaa | cagaggagga | ngaggaagtg | cccagtttca | ccatggggcg | atgacaatgt | 540 |
| ttgccacagc | cttntgcctg | gaacctggct | cgtgcttgtg | accagaaggg | aaaaggcngc | 600 |
| tgttttggct | ctttcttccc | cgcaanggac | cccgnntgac | cccgccttgg | attggaagaa | 660 |
| gccaaaagg | agaacccctt | tttcggaac | ccggtttaac | aagntccctt | ggtntttttg | 720 |
| ggcannngnt | tttngggaaa | cccttgaang | gggccctttt | ttcccttggc | aacnttaaaa | 780 |
| angncacctt | gncnttggg | annaacancc | attccggngc | ttcntcc | | 827 |

<210> 4640

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4640

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| tnttttcaaa | tngattggct | acttgttctt | tttgcaggat | cccatcgatt | cggaactcag | 60 |
| aacactgagt | ccctatttga | tgttaaaata | tgaccgttaa | acttctgggt | aagataatga | 120 |
| atggcactat | ggtttatact | gtttctgttt | tatgggctct | tccagagacg | tgaactggaa | 180 |
| aacnctctgc | agtgtctggg | attcgctcag | tgctgcaggg | gagggcaggt | gtgaggggaa | 240 |
| tggccctgga | gggtgatggg | gctggggcat | ccgatgcagc | tttatagtct | tgtaattacc | 300 |
| acttttaaac | tttttattac | gaaaaatgtc | aaggaccctg | gaattacggt | gaggtaggca | 360 |
| ggataatggc | cccccaagatg | cccgtgttgt | gacccccaga | ccttgtgagt | gcctcacatg | 420 |
| gggagattgt | cctaggtcat | cttgcancc | cagggcagcc | ccatggggcc | ttaaagcttg | 480 |
| agagcctttc | ctgctgagtc | tgagagatgc | canaagcagg | agagggttaga | acccgangag | 540 |
| ggccccgacc | tgcgtgctg | gccttagagg | aaggccccan | gantgtgggtg | gccccctaagc | 600 |

```

agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanagcc 660
cccattatgg aggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
ttcacaaatt gtnaagcctg aggggttttgn gtangnacc atnaaaaaan 769

```

```

<210> 4641
<211> 769
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

```

```

<400> 4641
tnttttcaaa tngattggct acttgttctt tttgcaggat cccatcgatt cggaactcag 60
aacactgagt ccctatttga tgttaaaata tgaccgttaa acttctgggt aagataatga 120
atggcactat ggtttatact gtttctgttt tatgggctct tccagagacg tgaactggaa 180
aacnctctgc agtgtctggg attcgctcag tgctgcaggg gagggcaggt gtgaggggaa 240
tgcccttggg ggggtgatgg gctggggcat ccgatgcagc tttatagttc tgtaattacc 300
acttttaaac tttttattac gaaaaatgtc aaggaccctg gaattacggt gaggtaggca 360
ggataatggc ccccaagatg cccgtgttgt gacccccaga ccttgtgagt gcctcacatg 420
gggagattgt cctaggtcat cttgcangcc cagggcagcc ccatgggccc ttaaagcttg 480
agagcctttc ctgctgagtc tgagagatgc canaagcagg agagggttaga acccgangag 540
ggcccgaccc tgcgctgctg gccttagagg aaggcccgan gantgtggtg gcccctaagc 600
agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanagcc 660
cccattatgg aggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
ttcacaaatt gtnaagcctg aggggttttgn gtangnacc atnaaaaaan 769

```

```

<210> 4642
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

```

```

<400> 4642
ttatttgaac cctnnccent tcaaactcct tgttcttttt gcaggatccc atcgattcnc 60
ttttccatga ctccaggctg tgccctctct catgtttggt ccottctgtg cccatgggtca 120
ggagctattc ggggtggcacc tngctggcca ggctctccc agtcgtggca cctccacaat 180
gtgaattttc tgaatcccta ttccaggatt nctgggaata atgtttactt ctanaatggg 240
cctgntgtaa accatctcat cnagggtgtg taaagccatt gnatgatgag gggactgcca 300
tggaaggag agtttggttac ttacggttct gagaggagg gccacatagg aaagcccccac 360
ggtgggtcac aaagcggaag gagggagggg aacgtgtggg cttgnttttt ctngcacatc 420
tctgaagagt tnttaatctt cactcatcat gtgccaagaa gtgncatcat aaaangaaat 480
atnttttttt cctaggagca gngttaaaat ctgggtcaca ttctgacca aggacagcat 540
cctgccttnt gcccatncnc ttcagttcac aaaagctgac attttaaaaca aatcatgact 600
cacacgtntt aattgggtat aaaaaatgtt gnggtacacc tgggttagata aaaacttaan 660
ggccacaang gangggcccc aaggtanncg atgtcaagtg tgtnaaaggg gcctggattg 720
ggccttggnn aanggatttt tgggcaaaac ccaaaanttt ttgngccccc nn 772

```

```

<210> 4643
<211> 710

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 4643

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| nnaacngaac | cttgcanttt | gacttccttt | acgcattncgc | angatcccat | cgattcccag | 60 |
| anatgcncac | cagccctgca | cggaggttt | ttcctgaacc | tggctcatgg | atanagaanc | 120 |
| ncacgagggc | ataactgcct | gtccngaaa | anccaagcta | nccnaccttg | gtcnnctttg | 180 |
| ntgtgnnncn | nnntntgcna | agntggtgaa | aaagaaagag | atccngacca | nagaacttct | 240 |
| nnanggatgg | acntgctnac | tggggaatgn | gncgcccncn | ntacttgcac | antanattcg | 300 |
| aaanngtgna | ggntacacga | cattntgacc | cgctcaaatt | gcagggtccc | tnacgcnacg | 360 |
| cttctntagc | tttctacgtt | tcntntcnc | cacngtnac | gcntttcccc | gggaagntct | 420 |
| aaataaatgn | gtcccntnta | nnntntcgat | tcnatcgcta | tacagncnc | tgaanaccng | 480 |
| aaaaaatttg | cnggnntgtg | gtgcacgtaa | anggccnctn | ncngggaaca | gttattgacc | 540 |
| tntnecatgg | aaancanggn | tttaactgg | ntcnngngg | aactgaaca | nactaacctt | 600 |
| cnagtcnatn | ttttttggtt | acggaanntn | taantgggct | nncttnanaa | tctctgatan | 660 |
| natggtagnn | gactncacga | ttaanctaca | atcnttcttt | tngggggaat | | 710 |

<210> 4644
<211> 1315
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1315)
<223> n = A,T,C or G

<400> 4644

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| anggnnnnt | ttttttnnnn | tttttttnnn | ccccnttnn | tctacnnnn | gtgggaaaaa | 60 |
| aaaatcccn | cnttttttg | ggggaaaaaa | aaantcccc | cccccnnt | nncggnncn | 120 |
| nnntttttt | tgggggggnn | ngtnnaaaaa | nnngnnnnnn | ncccnnnnn | nnnnnnnnnn | 180 |
| nnnnnttgn | nnnnancngn | nnagnnnnnn | nnntnttnnn | nnnnnnnnnn | tnnnncnnnn | 240 |
| nnnannntt | ttgnngngn | nnnnnnngg | ggggntttt | ttttttttg | ggnnanggn | 300 |
| nnnnnnnnn | annnnnnnn | nnnnnnngg | nnnnnnnnn | nnnnngnnn | nnggggggg | 360 |
| gnnnnnnnn | tttttttnn | nnnaanngn | nnngnnnnn | ngnggggnn | nngnnnnnn | 420 |
| nannnnanc | nnnnnnnnn | nnnnnnngn | nnnnnnnnn | nnanannnn | nnnnnnnnn | 480 |
| nngcgnggg | ggggggggg | ncnangcngt | naggggancc | acgagngga | ggngtgggg | 540 |
| cannatgtc | ttngancg | tctgcnagna | acnctncgag | gatgancnan | agnnccann | 600 |
| anggnncng | ccagnntagc | ncagnnttct | nannncta | tgngcggatc | anggggnntn | 660 |
| tnccataat | ngtgnnggt | aanannatgn | atggngnnac | tgatggngaa | acannctna | 720 |
| ncgtantnc | angtagtgaa | tgctggntta | ntnnntttg | nggntnanta | gcanngcgg | 780 |
| nnaacnnann | gtggnntctn | nannnnant | gnnnnnngn | gggnttcnc | ntnngnagan | 840 |
| ngntntnagg | ngncnnnn | ntaaagtcn | nnannangtg | tntaanctnn | ctnaancggg | 900 |
| tatannnnn | ntnnnnngg | tnnngnnnt | cnnnannng | nngnnannnt | gnnnnnagtn | 960 |
| tgngnttacg | annangtnna | nnancangnn | annnattgt | nnnnngnnn | annnnnnntn | 1020 |
| tctgaactcg | tacnnngana | ncnnnggttn | nngcctcaca | nngtatngta | ngctgnnagn | 1080 |
| gnantatann | ntaagnantn | ttcntnnncg | antntntnnc | gtnaacgacg | atntnngtan | 1140 |
| ncncgnntaa | nngcntaann | gcanatangt | natagngaga | ttcctnagtn | gaccnagggn | 1200 |
| atgatatnaa | ngntcangna | nnnannntnn | netntngact | anangagann | atgananatg | 1260 |
| gntnnctngt | gnnnagnatn | tgatntctcg | ntgctencna | gnaggntaac | acacc | 1315 |

<210> 4645
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4645

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ttgaaanncc | cnttagnnnt | tnnttnncnn | nctctcaaaa | ccctttggca | actngetctn | 60 |
| tntgcaggga | tcccatcgat | tcgaattcgg | cacgaggctg | ccacaggggg | gcaatcttta | 120 |
| tttgtcttac | ttcctacccc | ttccctgttc | tgcctcttta | actcagttaa | gttggtctgt | 180 |
| ttgggacctg | gaaaagaacc | caaagaaaac | ctgaccggac | aggttcattt | ctggaatgca | 240 |
| gaaaacattt | taaaggctag | atTTTTtagaa | tattctcaac | tagcattctt | tccattgatt | 300 |
| tgaaggggaa | attaactatt | ataatctctt | gaatccaaaa | ctggatatta | agaactttcc | 360 |
| cccttactaa | gtttaagact | tttgtcatgt | ggtgagtcaa | ataagaccat | tttgattgta | 420 |
| aaccataaaa | tagttcagca | agtagcccac | agttctggcc | taacagcaga | cttgctgntt | 480 |
| tcacttggtg | tcctggagtt | gggttgctaa | ccttaatttc | tatgatgttt | tctaaaatga | 540 |
| aacttgataa | agtagaccac | cagctgcacc | cgtgttttct | gnaaaagtat | tggtagtaag | 600 |
| tggccaagag | acttgaggaa | aataccagat | tttttggnta | ccttggnctt | ggtttaagtc | 660 |
| ttaaaaaatt | aaagataaca | ttataatgna | gaatcanatg | gggcatannc | cttggaagc | 720 |
| ctnccttgaa | aaaggnntta | aatattttang | aagcctttaa | aagacactta | aatggaccct | 780 |
| naaagacanc | n | | | | | 791 |

<210> 4646
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4646

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ttgaaanncc | cnttagnnnt | tnnttnncnn | nctctcaaaa | ccctttggca | actngetctn | 60 |
| tntgcaggga | tcccatcgat | tcgaattcgg | cacgaggctg | ccacaggggg | gcaatcttta | 120 |
| tttgtcttac | ttcctacccc | ttccctgttc | tgcctcttta | actcagttaa | gttggtctgt | 180 |
| ttgggacctg | gaaaagaacc | caaagaaaac | ctgaccggac | aggttcattt | ctggaatgca | 240 |
| gaaaacattt | taaaggctag | atTTTTtagaa | tattctcaac | tagcattctt | tccattgatt | 300 |
| tgaaggggaa | attaactatt | ataatctctt | gaatccaaaa | ctggatatta | agaactttcc | 360 |
| cccttactaa | gtttaagact | tttgtcatgt | ggtgagtcaa | ataagaccat | tttgattgta | 420 |
| aaccataaaa | tagttcagca | agtagcccac | agttctggcc | taacagcaga | cttgctgntt | 480 |
| tcacttggtg | tcctggagtt | gggttgctaa | ccttaatttc | tatgatgttt | tctaaaatga | 540 |
| aacttgataa | agtagaccac | cagctgcacc | cgtgttttct | gnaaaagtat | tggtagtaag | 600 |
| tggccaagag | acttgaggaa | aataccagat | tttttggnta | ccttggnctt | ggtttaagtc | 660 |
| ttaaaaaatt | aaagataaca | ttataatgna | gaatcanatg | gggcatannc | cttggaagc | 720 |
| ctnccttgaa | aaaggnntta | aatattttang | aagcctttaa | aagacactta | aatggaccct | 780 |
| naaagacanc | n | | | | | 791 |

<210> 4647
 <211> 1427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1427)
 <223> n = A,T,C or G

<400> 4647

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|------|
| nntntnttng | gaaaaanttt | tccccctttt | ttactnntaa | nacctccggc | cattggccct | 60 |
| gggccagggg | gttcgggga | acnttcttta | aggnangggg | naatncccc | ccgggggttt | 120 |
| aaccgaggaa | ggcccttcg | gaaaatttnc | cggccccctt | taattaaggt | gggaagnttn | 180 |
| tnntttat | aacaaaat | ncaacttggg | gccccgtccg | gtttttttta | caaaacggtt | 240 |
| ccggttgga | cttggggga | aaaaaaaaacc | cccttggggc | ggttttaccc | ccaaaacttt | 300 |
| aaatcgggcc | tttggcaagc | caacaatccc | cccttttttcg | gcccgaagnt | tgggcggtaa | 360 |
| ataagccgaa | agaanggn | ccggcaaccg | gaatccggcc | ctttcccaaa | caagtttgge | 420 |
| gccaacctt | gaaatnggcg | gaaatnggaa | cgcgcggccc | ttgtaagccg | ggcgccaatt | 480 |
| naanccggcc | ggccgggggtg | gttgggtngg | gttaacgcg | ccaagccggt | nggaanccgg | 540 |
| ctttacaact | ttggnccaag | ccggccccct | taaaccggnc | ccggctttcc | ttttttcggc | 600 |
| ntttttcttt | ttcccccttt | cccttttttc | tttcgggncc | caacggnttt | tccgggccccn | 660 |
| gggcnttttt | ttcccccccc | gggttcctaaa | aaaangggnc | ccnttttttn | nttttttttna | 720 |
| aaaaaaaaaa | aaaaaaaaaa | aanatcnggg | ggggggcctt | tncccccttt | ttttaagggg | 780 |
| gggttttccc | ccgnaaat | tnaaaatngg | gccntttttt | taaaccgggg | ggaaaacccc | 840 |
| nttttnggga | aancccccc | cccnaaaaaa | aaaaaaaaacc | tttttgggaa | anttttaaag | 900 |
| gggggggttn | ggnaaaatng | gggttttttc | cnaaacccgt | ttaaaanttn | gggggggccc | 960 |
| caaantttng | ggccccccnt | ttggaaatta | aannaaacn | ggggnntttt | tttttttccg | 1020 |
| gnccccccnt | ttttttggna | aacccttttt | tnggggaaaa | tttcccccaa | ccgggttttc | 1080 |
| cnttttttna | aaaaaaaaagg | gggggggaac | ctttnttttt | gggttttccc | cnaaaaaaac | 1140 |
| tttgggggaa | aaaanaaaaa | acaaantttt | taaaancccc | cccnttttnt | tttttttttg | 1200 |
| gggggggggg | cccnnaaaat | tttcccnttt | tttttngggg | gaaaattttt | ttaaaaanaa | 1260 |
| aaaggggggg | ggaaaat | ttttttggnn | ccccgnaaaa | tnntttttcn | nggggggnccc | 1320 |
| cnttaatttt | nggggggntt | ttnaaaaaaa | aaaaaaaaatt | gggggggncc | ttgggggnntt | 1380 |
| ttttttaaaa | cccnnaaaaa | aaaaaanttt | ttttnaaaac | ccgccc | | 1427 |

<210> 4648
 <211> 1505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1505)
 <223> n = A,T,C or G

<400> 4648

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tttttnccca | aaaaaaaaaa | tttnggnccc | cctttttttt | ttttnaaaaa | aaaaaannnn | 60 |
| ngnccccenn | tttttnaggn | nnnnnnnttt | tttttnnnaa | aatnanncc | ccccnttnan | 120 |
| nttttttttn | cccttaaaaa | aanagnaacc | ntttnggggg | caaaaaaat | cccntccnan | 180 |
| aaaatttnaa | tnccatacaa | ttaaatnnag | naanngnncn | nnaangnnnn | nnnaaannnn | 240 |
| nnnnnnnaaaa | tntannnang | nnnnancnna | naanngggnc | ngnaaanngg | ggacaccnng | 300 |
| nnnnnnntggn | nnggntnnaa | atgnccnnnc | cnnnnnaagg | ggntngtnen | aaannnnntn | 360 |
| gnaannncac | attngnnnna | ncnanaaann | gnnnnnntnn | acctnaacan | tggggannnn | 420 |
| nnnnnnntnn | naanacnnc | tnananaaan | anganntgcn | caannnaann | aagnngnaa | 480 |
| annnanatnn | acnnnaagca | cnaacnncna | ncnanaaaaa | aaaccnngnn | acacntgnta | 540 |
| ccactcangg | ctngnacnt | tatgngnnc | atngatgnnn | annggncgca | ctacannnan | 600 |
| nngnnccaag | gnccacagan | ccacnaatca | nacntngtaa | tnaatgcan | cnnngncngc | 660 |
| aatannnaga | ccacnttnnn | natgacanng | caaanacnng | cannntanca | annggaangt | 720 |
| agtnacagta | acatanganc | ctnaantaac | ctatagcngg | gatnccagaa | ctaaaatact | 780 |
| ntanctacat | gnaacnttat | naataagaan | annggatnaa | atannatagt | aatgngnntc | 840 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|------|
| ttanatnata | tctcacaac | ncgatcntag | aaataaataa | atcgtagnan | ttnttatatc | 900 |
| natanaanag | attcatatan | antnatatat | ctatataatc | antatataaa | caacatatag | 960 |
| nnntataaaa | anaaatacta | aaaantcaan | anntanatta | nactcnnaan | ngagggcaaa | 1020 |
| ataanncgna | gnanaatata | taagtntnnan | tcacatanat | nnanaaaaaan | atatacaata | 1080 |
| tanannaaaa | aananatang | aaaananaaa | anctaaatan | naacnnatan | atataaaata | 1140 |
| tantcnnaaa | acaatatata | anatanaaat | cnanatntan | nganataaag | atnaaanana | 1200 |
| tnntntaanc | ntncnnacac | ataatntaan | ntaatnnana | aaantnanct | tannngntgan | 1260 |
| aanactanaa | anatcnnaan | nnnatcaaat | atanggnnaa | naatatanaa | tatataacna | 1320 |
| atgngaaaca | ttcaaanact | annanatnna | naaananatc | ttaataanaa | atatananan | 1380 |
| ataanaataa | taaganntta | aanactaaaa | cacctatntc | taaagtcact | anatcattng | 1440 |
| nnanacanat | ctataatnna | annataaaaa | aatatgnntt | nnnanaataa | tattntatcn | 1500 |
| annnc | | | | | | 1505 |

<210> 4649

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4649

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| ttantcatcn | ctcttgtttg | antnccntac | aactacttgt | tctttttgca | ggatcccatc | 60 |
| gattcgaatt | cggcacgagg | tgagccgagg | ttgcgccatt | gtactccagc | ctggggcaaca | 120 |
| agagcaaaac | tctgtttcaa | aaaaaaaagaa | agaaagaaaa | ttacctggaa | ttcaatattg | 180 |
| ccatcggtcg | atttaattct | aatatgaana | aaggggcagt | gtgatgtgcc | atggagcatn | 240 |
| cacaacctgc | catttcaccc | accaacctta | gaaagccatt | gaaaagagtt | gtttttaatg | 300 |
| gtgtttttac | atccagcttc | ccacacctca | aatacttggg | gtggaattgt | taatctcaca | 360 |
| ttgcagtaca | atgaaaatag | tggaatggaa | atcaagttat | aaaatggagc | taaatatttc | 420 |
| ttctgcttgc | ctctgagttg | acaagatacc | ataagatact | gtacatgagg | ctgggcgcg | 480 |
| gtggctcacg | tcttatttct | tctgcttgcc | tctgagttga | caagatacca | taagatactg | 540 |
| tcatgaggct | gggtgcagtg | gctcacgcct | gtaatccag | cactttggga | gggtgaggtg | 600 |
| ggcagatcac | ctgaggtcgg | gagttcaaaa | ccagcctgac | tgacatgnag | aaacccctc | 660 |
| ttttctaaaa | aatcaaaant | agcccaggcc | ttgggtggtgc | atgcctataa | ttncagctac | 720 |
| tcnggaagct | tangcangga | aaaaaaaaaa | aaatttccn | | | 759 |

<210> 4650

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 4650

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ccnccntnnt | tccccctnnt | nnngtgggna | aaanaaccnn | cttttttgaa | aaaaaacccc | 60 |
| cccccttttt | tggnaaaaaa | cccccgttt | tacnanaaan | acnggncncg | agggggganc | 120 |
| cccccnccnc | ngggnnnggn | gngangcnnn | nactngncna | cncacggcn | naacacncaa | 180 |
| aaactnngnn | gnggattnta | ttgagnggna | aaagggacga | nggctgngca | nagnnagaga | 240 |
| aanngggcna | gccccgnaac | gacgganggg | naaaaaatag | gggggnnnna | ngacaaaagg | 300 |
| aggccctgcg | cnaanccgaa | ccatnannan | nccacgtag | cccggcccna | ccnacgaacc | 360 |
| aannccctaac | agaancaana | tgnggcnggg | anaaacagnn | naggnaaaca | aggattcgag | 420 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| aggangaggg | gggaacaagc | antngtgggn | gangtnanan | aacangggga | ttttcnaatg | 480 |
| agaanaatgc | anggcnga | natcncgctg | ggnatggagg | gnacttgenc | cgccagatcg | 540 |
| cataaaacgc | acgcaactgn | gccacaaaca | tacggangan | tgngcaannc | naaannngnn | 600 |
| gccccgantn | acctgaggag | gganctaang | ctttgggaaa | agaacaaaan | acctnggaen | 660 |
| ggacaagggg | gaaggatgaa | cangaagacc | cggaaacaag | aggaagggga | nncgccncta | 720 |
| aanntaaaca | catccaaang | cgnnaagggg | aanccttngg | ncnaannngag | gaaacctgna | 780 |
| ccctnacntc | caaaccncgn | ttttaagaaa | gggggaaaac | caaccnntga | agcnantncc | 840 |
| ccccnnnggg | ggnaaannaa | cnacctgggc | ccaaannntt | tgaangaacn | gananggnaa | 900 |
| acnaagggna | atggggg | | | | | 917 |

<210> 4651

<211> 1282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1282)

<223> n = A,T,C or G

<400> 4651

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|------|
| agnnnnnnnn | nattnnnnnn | nnttttttgg | aaaaaccccc | cttttgggna | aaaaaanggc | 60 |
| ccccgagggn | natttnnaat | ttaccccctt | cntnnttgca | aaaanccncn | ttttggggaa | 120 |
| aaaanccccc | cacancgncn | nnttttttng | gnngnaaaaa | aggnancccg | nnnnnnangg | 180 |
| nanctannnn | nnnnncncnn | nggcnnanng | nnnnngnggn | cnnngnnngn | cnnnnnnaan | 240 |
| nnnnnnnggg | gttttttnan | nnncnnnnan | cnannnnnnn | nannnnnnnn | ngnnnnngng | 300 |
| nncnagnncg | ngggggggnn | ncangnanaa | nngggccnng | nnngngnang | naanngnnna | 360 |
| gngccaanna | cnannaaggn | nannaangga | ccnnnnnana | nnnanangcc | ccccccccc | 420 |
| canaacaagn | acccatgacn | nnnaatgacn | aggnccctag | naccanaaan | ccaagccna | 480 |
| ngnananctg | ncncaggcca | ngaacaccag | ccaaagaann | gagcaccccn | aaccacnagc | 540 |
| ncancnaggy | aaancagggn | caaaggncaa | aggnaactaa | ccaaanaacc | cccantaagg | 600 |
| gccaataaag | cctnggagcn | gcgagnanaa | nnaaaaangc | ctaaggngnc | cnanggccng | 660 |
| aaaaaagang | cgnanaannc | aaggggaccan | aagagnaaan | naangnccca | antcncannn | 720 |
| aannananag | ngcnccccga | accannaaga | tcnnaanccn | ggggnannaa | acnngancaa | 780 |
| tcgnncncnn | nnncncnann | ggnacnaaan | anaaaaancg | ggngaccaag | nccnaaangc | 840 |
| angannanaa | aanagntaca | ngntcgnnca | tnaaaacnan | ancacnggaa | aancacacnn | 900 |
| caanncaanc | ngnanannng | gggagagnnc | acnnaannga | nanaaannac | nacncaccac | 960 |
| anaaggngan | cnacnggccn | ggannnnanac | aananggcac | aaaannngagn | caccgcagna | 1020 |
| ancngcgana | nngcgcnncn | cnanaacggn | agncnnaaaa | gaaaganacn | aannacangc | 1080 |
| anngacncac | gancnananc | cccaaacnag | gmnanaacna | anacacntnn | ngcaganana | 1140 |
| accacnnnag | nacacncaca | cgctacaagn | gnatnanagc | nantatagan | antacanacn | 1200 |
| cnanacanac | ngcatnannc | acaacnatac | ngacanacng | canntgaaaa | atnnggaann | 1260 |
| nanagaacgg | agagnacaac | cn | | | | 1282 |

<210> 4652

<211> 1282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1282)

<223> n = A,T,C or G

<400> 4652

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| agnnnnnnnn | nattnnnnnn | nnttttttgg | aaaaaccccc | cttttgggna | aaaaaanggc | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| ccccgagggg | natttnnaat | ttacccctt | cntnnttgca | aaaanccn | ttttggggaa | 120 |
| aaaanccccc | cacancn | ntttttgng | gnngnaaaaa | aggnancccg | nnnnnnangg | 180 |
| nanctannnn | nnnnncn | nggcnnanng | nnnnngnggn | cnnngnnngn | cnnnnnnaan | 240 |
| nnnnnnnggg | gttttttnan | nnncnncnn | cnannnnnnn | nannnnnnnn | ngnnnnngng | 300 |
| nncnagnncg | nggggggnnn | ncangnanaa | nngggccnng | nnngngnang | naanngnna | 360 |
| gngccaanna | cnannaagnn | nannaangga | ccnnnnnana | nnnanangcc | nnnnnnnnnn | 420 |
| canaacaagn | acccatgacn | nnnaatgacn | aggncctagg | naccanaan | ccaagccna | 480 |
| ngnananctg | ncncaggcca | ngaacaccag | ccaaagaann | gagcaccn | aaccacnagc | 540 |
| ncancnaggg | aaancagggn | caaaggncaa | aggnaactaa | ccaaanaacc | cccantaagg | 600 |
| gccaataaag | cctnggagcn | gcgagnanaa | nnaaaaangc | ctaaggngc | cnanggccng | 660 |
| aaaaaagang | cgnanaann | aagggaccan | aagagnaaan | naangnccca | antcncannn | 720 |
| aannananag | ngcncccc | accannaaga | tcnnaanccn | ggggnannaa | acnngancaa | 780 |
| tcgnncnncn | nnncnncnn | ggnacnaaan | anaaaancgg | gnggaccaag | ncnnaaangc | 840 |
| angannanaa | aanagtaca | ngntcgnnc | tnaaaacnan | ancacngaa | aancacacnn | 900 |
| caanncaanc | ngnanannng | gggagagnnc | acnnaannga | nanaaannac | nacncaccac | 960 |
| anaaggngan | cnacnggcn | ggannnnan | aananggan | aaaanngagn | caccgcagna | 1020 |
| ancngcgana | ngcgcnnca | cnanaacgnn | agncnnaaaa | gaaaganacn | aannacangc | 1080 |
| anngacncac | gancnananc | cccaaacnag | gnnanacnca | anacacntnn | ngcaganana | 1140 |
| accacnnnag | nacacncaca | cgctacaagn | gnatnanagc | nantatagan | antacanacn | 1200 |
| cnanacanac | ngcatnann | acaacnatac | ngacanaacng | canntgaaaa | atnnggaann | 1260 |
| nanagaacgg | agagnacaac | cn | | | | 1282 |

<210> 4653

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4653

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|------|
| tttgggggaaa | aaaaaaaccc | ccccctttt | tggggggaaaa | aaaaanngnc | ccccngaaa | 60 |
| ggngnnnctt | ttttggnaaa | aaaaccccc | tnttttgttt | ttgcnaaaaa | aaaccncnt | 120 |
| tttggggnaa | aaattncncc | ccnannnncg | ncccnantnt | ttgnnnga | nggaanangn | 180 |
| nnanannccc | nnncnnnnng | nnnnnnnann | nnnnnnnanga | nnnanaanag | gnnnncannn | 240 |
| nannnnnaann | ananaatnnn | ntnnannnnn | nnnnnggggg | ggcnnatann | anannnanna | 300 |
| aaaaannnna | annaaaacca | nangggngna | nngnnaanan | acnnnnana | aannannnna | 360 |
| nnnanangga | aaanannnaa | nnaaannana | aganannnnn | nacaaanncn | naaannngna | 420 |
| acnnnnnnng | naaacanagn | aaanaggaan | nnanacnacn | caaaaaaaca | cngggacnaa | 480 |
| naacangana | gnatnnnnaca | agncaanaca | acgaagaaga | cnataaaaca | ngcacaaaat | 540 |
| aancaangaa | agnngaangn | gnaaagnacn | anggnaanaa | ngaatacag | gaaaantnan | 600 |
| ataaagacaa | ntnngaata | nnaacancaa | atcaanaang | naaggaacnn | nctanacaac | 660 |
| acccaanann | gaaanacaaga | tanatactag | anntanggna | caanagnaaa | aannannnnn | 720 |
| cangctanga | ggannngngn | aaacgaaaan | nacaacaaaa | cgacaagaga | ncacaangan | 780 |
| gaataaangc | aananaacacn | aanacgaaan | caaaagaang | naccncnanc | gaanaagaga | 840 |
| cnnnngaang | aancgaaana | nnaacgcnaa | cagacnann | aaggacncac | ataangaanc | 900 |
| anagaaanga | cgancnagan | aggggnaaan | anancncag | nagctaacaa | aacagnaaaa | 960 |
| tanngcacnt | annagatnna | nnanangaaa | canacaangc | aagngcatnn | aaganaaaag | 1020 |
| aataanaana | cannnnann | aggccnaaga | annnaaanac | naaaatanaa | aagnacatag | 1080 |
| acatanacca | nacagnnnnaa | aangaanagn | tacgnanaca | anaaaanaaa | atcacaaann | 1140 |
| ccnaaacgcn | acnactaaca | nacatatcaa | cnngacannn | nnnacagcaa | aacagannnn | 1200 |
| anganaaanc | acnnaannaa | gagaatanna | canaccanga | atatgtanan | acannnaca | 1260 |
| gagacgnaat | agnnaacaga | natcacaaca | cacnnanata | tacgcnaatn | nnacaggaann | 1320 |
| gatatgaann | acacannacn | cgtcacaatc | acanc | | | 1356 |

<210> 4654
<211> 1356
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1356)
<223> n = A,T,C or G

<400> 4654
tttgggggaaa aaaaaaaccc cccccctttt tgggggaaaa aaaaanngnc cccccngaaa 60
ggngnnnctt ttttggnaaa aaaaccccc tnttttgttt ttgcnaaaaa aaaccncnt 120
tttggggnaa aaattncnc ccnannnncg ncccnantnt ttgnnnga an nggaanangn 180
nnanannccc nncnnnnnnng nnnnnnnann nnnnnnanga nnnanaanag gnnnnncannn 240
nannnnnaann ananaatnnn ntnnannnnn nnnngggggg ggcnnatann anannnanna 300
aaaaannnna annaaaacca nangggngna nngnnaanan acnnnana an aannannnna 360
nnnanangga aanannnnaa nnaaannana agannnnnnn nacaannncn naaannngna 420
acnnnnnnng naacanagn aaanaggaan nnanacnacn caaaaaaaca cngggacnaa 480
naacangana gnatnnnaca agncaanaca acgaagaaga cnnataaaca ngcacaaaat 540
aancaangaa agngnaangn gnaaagnacn anggnaanaa nngaatacag gaaaantnan 600
ataagacaa nttnngaata gnaacancaa atcaanaang naaggaacnn nctanacaac 660
accaanann gaaancaaaga tanatactag anntanggna caanagnaaa aannannnnn 720
cangctanga gganngngnn aaacgaaaaa nacaacaaaa cgacaagaga ncacaangan 780
gaataaangc aananacacn aanacgaaan caaaagaang naccncn an gaanaagaga 840
cnnnngaang aancgaaana nnaacgcnaa cagacnannt aaggacncac ataangaanc 900
anagaaanga cgancnagan aggggnaaan anancnccag nagctaaca aacagnaaaa 960
tanngcacnt annagatnna nnanangaaa canacaangc aagngcatnn aaaganaaaag 1020
aataanaana cannnannan aggcnaaga annnaaanac naaaatanaa aagnacatag 1080
acatanacca nacagnnnnaa aangaanagn tacgnanaca anaaaaanaa atcacaaann 1140
ccnaaacgcn acnactaaca nacatatcaa cnngacannn nnnacagcaa aacagannnn 1200
anganaaanc acnnaannaa gagaatanna canaccanga atatgtanan acannnaca 1260
gagacgnaat agnnaacaga natcacaaca cacnnanata tacgcnaatn nncacgaann 1320
gatatgaann acacannacn cgtcacatc acancc 1356

<210> 4655
<211> 1326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1326)
<223> n = A,T,C or G

<400> 4655
ttttggccna aaaaaaaann nnggcccent tttggggggc cnaaaaaaann nnnnggggcc 60
ccnnggnggn gnnnnntnnt tttnnnngnt tttccccnn nnntctttt ctngggnaaa 120
aanccccct tnttttgggg gaaaaaaann cccccccnn nngnnnnntt ttttttgggg 180
ggnaaaaaaa nnnnncccc cngnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnng 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngggggnttt tttttnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnngg gggggnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnngnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnng 420
ggggggggng gngnggngnn nngcnnngnn annggnngca nngngngnnn nannggnng 480
gnnnnnnngn annnnnncnn ngngnnngn nggnnnnggg ncnannngg cnnnnnnngg 540
gggnannngn nnnnggnann nnannnnngg gganngggn cgnngngnnn nngnganann 600

```

nnggnngnan ggannnannnn annnnnnnng gnancennac nnannnnnnnn nngngcggga      660
ancnnncnnn ngnnncnnng acnnggggnn gnnnnnnnnn nnnnnnnnnng aanggnnnnn      720
nnnngnnnnn nngannnnnn nnnnnnnngn gncnnngncg nnngaagngn nnnnnnnngn      780
nnnnnnnnnn nggggggggn nnnnnnnnnng nnnnnngnan cnnnnnnnnnn gnnnagnggc      840
nnngnnnnnn ggnnnnngcnc nnnnnnnngn nannnnngng nnnannnnnnn nnnnnnnngn      900
gnnnnnnann nnnnnnnnnng nnnngnnnnn nnnnnngnnn nnnnnnnnnn nanagnnnnn      960
nnggngnaan gnnannnnnnn nnnnnngngn gnnnncgngn ngnnnnnnng nnannnnnnn     1020
nnngnnnnnn nnnnaggggn nnnnnngnnng nnnnnngngn nnnannngnn nnnngngnnn     1080
nanngnnnan nnnnnngnnn nanncacnnn nnnnnnggnn ncgnnnnngn ngnnngnnnn     1140
nnnngngnnn nnnnnnnnnn nnnngnnnnng nnnnnnnnnng cgnnnnnnnn nnnnnngnnng     1200
ngnannnnnn nngnggannn nnnnnnnnnn ngnnnnnann nnnnnnnnnn ngannannnn     1260
nangnnngnn nnnngnannng nnnngnnnnn nnnnnnnnnng nannnnnnnn annnnnnnanc     1320
cgncce

```

<210> 4656

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 4656

```

gnnnnnnnnn nnnnnnnnnn ttttgggaaa aacncccttt gggnaaaaann ncccgggggn      60
ntttgaaann cctcctcccg gaaanccctt ttgggaaann nccccnngn cngttgggan      120
ccnancgacc cgaatncggc acgagccgag gaccagcgca gcgaggagaa ggctncagcg      180
ngaggccaac aannagancg agnagcagcn gcagaaggac aagcaggncn accgggccac      240
gcaccgcngn ngcngcnggg ngnnngggga acncgggnaa agcaccanng agaagcagat      300
gaggagccgg cangtgaatg gggnaaangg agangagaag gcaaccagan nagagnggac      360
tncattctga ngagangaa cnggccngac tntgacncac ctcccgaagn ctangagcat      420
gccaaaggcnc tgngggagga tgaaggagng cgagcctgct acgaacgcgc caacgaggac      480
caagctgatn gacngngccc agngctncng gacaagaacg acggggagta agcaggccga      540
cnangagccc gagcgaacag gacccgnnnc gctgccatgn cngactnccg gaanccangg      600
ggaccaagan ccaggnggac aaaggcaact gccacanggg ncgacgnggg anggccagcg      660
cngaagaang ccgcaagggg gaacccaggn gctnaaacgg aagggggaact ggcnancagn      720
nnnngngggg gggccagcag cnacnnacca acanggggca anccgggaag ggaaaaccan      780
gancaacgcg ccngnangga aggnaccgga accnngnana agaagcaann ngggaacaac      840
anganggggn ngcanancca tcncnnnn

```

<210> 4657

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1319)

<223> n = A,T,C or G

<400> 4657

```

ccnaaaaaaa aanangncc ccttttgggg gtcaaaaaaa atcccggccc caattnttnn      60
nnnnnttttt tcaaaaanaa aaaccccccc tnacnttttt tnccaaaaaa aancggcccn      120
tttgggggga aaaaaaaacc ctccncaaaa annngnnncn tncaattcaa naccnngagg      180
ggnatnnngc ccnnaaanna nncnnaang ngnnncanta gnnnnnaaana nnnngannnn      240

```

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|------|
| nnencaatnn | nggnngnccn | nnanacnnnn | nnnnngnncn | nannaannan | acnnnaaggg | 300 |
| gggaaantnc | ntnnnnnann | annaaagggg | gnnnnccaaa | annnnnaan | nnngnggnaa | 360 |
| nananannnn | gnagnacnng | aaaccncnan | antncnnnnn | naannacann | naccnannan | 420 |
| ancnnnnncan | nnncnnnnnn | naanannann | agnaaangnn | annaaancga | ganancnaaa | 480 |
| cnnnnanana | accacannnc | accagaacac | ancagnacag | ncaaancntc | acatananaa | 540 |
| angtgcanta | cnnnatatc | ccgacacann | ccnanagacn | aaatacaacn | gatnnacnca | 600 |
| nnanannacc | nancnaaaaa | acaancacaa | ancaangana | aaanaacann | naacgcacact | 660 |
| aanaagcaca | nanacgngcc | nacaanaccc | nacacaaaacc | nnacngccaa | nnancnaaaaa | 720 |
| ctaaaaacnga | atatcacnna | cacnnnnnaa | ctncnacaaa | aacnaccacc | ngnaaaaaacn | 780 |
| nnngnnaaag | gngncancaa | atngaaaaaa | cnaaaaaaan | nnnaccangc | acannaaaaac | 840 |
| nnntnnacna | tgacanacaa | anaaananac | nttaaaannn | aacaannaca | acncnaacan | 900 |
| nttaaaannca | aaannatanc | ccgcagcnaa | attaatangn | nanancntca | canannaaan | 960 |
| naacnaaccc | cantgtanan | aaaccncaat | ancaccacna | natanncaaa | ggtaangana | 1020 |
| aaccnaaaaa | naccanattt | naaacaagcg | ncaaaccana | acnngaccca | tccaannatn | 1080 |
| cnaacacaaa | naaanatatn | catnaaacac | acacaanacc | acctcnnnna | nnnacntacc | 1140 |
| ntanaaacat | ncaaaanctn | natngacacn | nacaaaaacag | caccanntca | anaccnaana | 1200 |
| nactacacag | agatacanag | acaanntnnn | nncnagaaa | ccacacgacc | catnanacnn | 1260 |
| acctntcnca | cnacncntc | nancgcgggg | gnnaaaaaata | anacacanaa | acacacnca | 1319 |

<210> 4658

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1088)

<223> n = A,T,C or G

<400> 4658

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|------|
| gaggnttttt | tccaaaaaaa | nnccccagag | ggnnnatTTTT | tgcaaaaaaac | gcnttttggg | 60 |
| tttacaaaaa | nccgcttttt | gggnaaaatt | ttngggccng | naaaaaagna | tntntnggga | 120 |
| nnnanaanaa | nnnnnaanng | ganggganan | naaannannn | annnnnaann | nannnnanag | 180 |
| anaanagggg | gnnnangnna | nnTTTTnnnn | nannganggg | ggaannannn | acnanngggg | 240 |
| nganannann | nnnnnnnnnn | annngggngg | gnnnanannn | aannangngg | gnaganagan | 300 |
| nnannnnngn | nnanaccnn | agnnnannna | ganannnaaa | naaannccnn | annnnanana | 360 |
| gaaacanaag | nnnaaaanac | aggaaaaaaa | aaganaaaant | acngnaanta | anacaaaaaa | 420 |
| aacaaaaacna | ncatngnanc | aggnananag | tagcaanaac | nganngaagg | canaagagag | 480 |
| aaagncntga | cnaaagagga | ngagntnntt | naactaagan | agagannnac | ngaantgnaa | 540 |
| acangaancn | natganaaaa | aaggntnnga | canaagaaga | angcnanaca | nnaaaangan | 600 |
| ngaagnatga | aagaaaaann | naaagcntng | gnanaaaaaa | anagagatna | anaaaaaatn | 660 |
| aaaagaanaag | aannaacnna | atntcngnna | ancncgagaa | aatgggnnaa | gaaacangaa | 720 |
| naanatacaa | gaacnaaaga | nagnncggaa | anaaganagg | nanaaagaac | nanatataan | 780 |
| nganaagnta | nacanggata | acangnagat | ganaangagn | acannanaga | nanatgnang | 840 |
| ngacnanagg | gagantaaaa | anntaagnna | nnaaananan | aagcnannga | gannnnacnn | 900 |
| gnanacgggn | annacataac | anactnannn | nanaaaatac | nnnaaaggga | gananacgca | 960 |
| naatnnngca | naannannan | anaacgaaga | atangaagng | annncaggan | agatagaaan | 1020 |
| anganntaga | acngaaanna | aantnnncaa | ancaatnana | aanagncann | gnacatanaa | 1080 |
| aacaacnn | | | | | | 1088 |

<210> 4659

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1267)
 <223> n = A,T,C or G

<400> 4659

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| aggttttttt | gcaaaaaaan | ccccccnttt | ttggncnntt | tttgcnaaaa | aanncgccctt | 60 |
| ttggtttttna | aaaacacccc | cctttttttgc | nnaaaattat | acgcncagtn | annatgnnnn | 120 |
| ntatnnnnnn | nnannnnana | nnnnnnnann | aananaang | ggngnnnnann | annnaaanna | 180 |
| naannnnann | ttttntann | angnaaatan | nnannnnnan | atttntttnn | annnnnnnnn | 240 |
| naannntnnn | tntnaaaann | ggngngnana | nnannacna | nnntnanatn | naananann | 300 |
| nnnnnnann | tanngaggng | annnnnnana | naanngann | anaannnnna | nnancanaat | 360 |
| nnnnaanant | nnnngnanaa | naantaanan | nnacnaatca | naannnaana | nnnannnaan | 420 |
| nnannaataa | nncaaaaaaa | aagccanann | tatannaaaa | cntcaatann | cgtanaanaa | 480 |
| gaanatnacn | natannaana | naanactacc | aaaactnaan | annnnaatnc | atatacnaana | 540 |
| taactannaa | nngaatanata | nancaganaa | nnnagnanna | atnntannan | naaagcannn | 600 |
| ngnnaanacn | tcaagcntag | antaanntaca | aatacnnnaa | atantaacnn | nanananaaa | 660 |
| anaannnnnn | naacatncna | agannnnnana | acaaanaann | gnacaannan | taacnannan | 720 |
| anaaananat | ataaacanna | ananannnaa | taaataaant | atanataang | ngntcanata | 780 |
| tnnaagacaa | ncnaantaaa | cntnnancat | nancgaacta | taaatagaan | nganatataga | 840 |
| nataanatna | mntanaacnc | natatatanc | nagtanatnt | nanancacta | nanatacnan | 900 |
| nanaaantcn | tactanacan | naacanctnn | aactnanann | antannnagn | aacacncata | 960 |
| nancgannna | atancnctna | anntnnanna | ctctgaanaa | annacanata | aataactata | 1020 |
| nanctagann | acantncacn | tagtannnaa | tatntanana | ttcnctanat | ananntntan | 1080 |
| atcactacgn | actcanacat | anaaannaag | tcttanagan | aaatatcact | caanaannna | 1140 |
| ngggncacta | tntanncatn | anncanaata | nnncancata | tannacanat | aaantnnana | 1200 |
| tcnnaangat | naaatntnan | angacnanac | anatangtnt | atnnctaanc | tgtaaataca | 1260 |
| ncacgaa | | | | | | 1267 |

<210> 4660
 <211> 1235
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1235)
 <223> n = A,T,C or G

<400> 4660

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|------|
| gtttgaaatn | cctttgggnat | ttctaattgct | tgntnancgn | cattnatatn | tgrrngantng | 60 |
| nttggaantn | ngnacganga | tntnntaaag | catgtttana | agtnattana | atggacgggtt | 120 |
| tgncnnntaa | ngattgggna | taantgggtg | naanantgga | ntgantngt | attgnttnga | 180 |
| tttgagttat | ctnattgaga | nctntannnn | ataaggagag | ttntattntn | ataaagntan | 240 |
| tagnanntan | nggatacetta | tntatcttng | nnatgtntta | aannganata | atantntttt | 300 |
| naattttacn | attntagana | tnatnggtg | aaactttatc | atatgntnna | aattntntann | 360 |
| ttnnnaatct | ntgcaaaaaa | ttantagntt | tantntatnc | atntcnantt | ttntattttt | 420 |
| ttncntntna | ttannnttan | tntgatntat | gnanttcnta | atttcnttta | tnatcnctnt | 480 |
| tactnatata | attttnannt | anaaanaagt | aatnnannat | ntttgaatat | atntntatca | 540 |
| naatatgnga | nattataatc | atztatnttn | natagtatan | ntnatgnatg | tagatatata | 600 |
| tctatagntg | ntntnttatt | ntttngatct | gtatagncat | cngnactaat | atantttgtg | 660 |
| atanagctat | tatggggant | atntaaaact | attgatgtna | aaaaaacata | nttttataag | 720 |
| antatanncn | nnacgttata | atagntctct | gtacctatta | ngcnattnga | ttanaanatt | 780 |
| nntcnngata | cctatntgta | tnncatnaca | tattatatng | gnganttatt | tnnttgata | 840 |
| taggattact | atnttatgat | anannntctt | tntataatna | aatatnatan | tgagggtntn | 900 |
| ctttntacag | ttgtannntna | aatatnagcg | ntnttaataa | natagagnga | tatatgacat | 960 |
| tnattttatat | atattaagan | tgtaagattn | natnaagnag | taatatcann | atatagtatc | 1020 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| natnantgtc | ttncatggat | gntatggata | cttagtgntn | gtgaanttta | tnnttatata | 1080 |
| tanntntnat | tngtaaaata | tactatantn | tatatatctg | atatatataa | ngaatznatc | 1140 |
| tatnatnnac | nntataatat | cntgtacgat | taaaanattn | aatatatgtn | tatatntgaa | 1200 |
| tatgtataa | naantactg | tctattgnta | cagan | | | 1235 |

<210> 4661

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 4661

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|------|
| gtttgaaatn | cctttgggnat | ttctaagtct | tgntnancgn | cattnatatn | tgnggantng | 60 |
| nttggaantn | ngnacganga | tntnntaaag | catgtttana | agtnattana | atggacgggt | 120 |
| tgncnnntaa | ngattgggna | taantgggtg | naanantgga | ntgantngt | attgnttnga | 180 |
| tttgagttat | ctnattgaga | nctntannnn | ataaggagag | ttntattntn | ataaagntan | 240 |
| tagnanntan | nggatcctta | tntatcttng | nnatgtntta | aannganata | atantntttt | 300 |
| naattttacn | attntagana | ttnatnggtg | aaactttatc | atatgntnna | aattntntann | 360 |
| ttnnnaatct | ntgcaaaaaa | ttantagntt | tantntatnc | atntcnantt | ttnttatatt | 420 |
| ttncntntna | ttannnttan | tntgatntat | gnanttenta | atttcnttta | tnatcnctnt | 480 |
| tactnatata | atnttannnt | anaaanaagt | aatnnannat | ntttgaatat | atntntatca | 540 |
| naatatgnga | nattataatc | atntatnttn | natagtatan | ntnatgnatg | tagatatata | 600 |
| tctatagntg | ntntntntatt | ntttngatct | gtatagnatc | cngnactaat | atantttgtg | 660 |
| atanagctat | tatggggant | atntaaaaact | attgatgtna | aaaaaacata | ntttataaag | 720 |
| antatanncn | nnacgttata | atagntctct | gtacctatta | ngcnattnga | ttanaanatt | 780 |
| nntcnngata | cctatntgta | tnncatnaca | tattatatng | gnganttatt | tnnttgata | 840 |
| taggattact | atnttatgat | anannntctt | tntataatna | aatatnatan | tgagggtntn | 900 |
| ctttntacag | ttgtannnta | aatatnagcg | ntnttaataa | natagagnga | tatatgacat | 960 |
| tnattttatat | atattaagan | tgtaagattn | natnaagnag | taatatcann | atagtagtct | 1020 |
| natnantgtc | ttncatggat | gntatggata | cttagtgntn | gtgaanttta | tnnttatata | 1080 |
| tanntntnat | tngtaaaata | tactatantn | tatatatctg | atatatataa | ngaatznatc | 1140 |
| tatnatnnac | nntataatat | cntgtacgat | taaaanattn | aatatatgtn | tatatntgaa | 1200 |
| tatgtataa | naantactg | tctattgnta | cagan | | | 1235 |

<210> 4662

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4662

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| tntaattttna | tnctntannc | cnttcaactn | cttgttcttt | ttgcaggatc | ccatcgattc | 60 |
| gaattcggca | cgagatgagc | ccatgaactt | ccccagaaac | tcattgtctt | ctatttccgt | 120 |
| aacagctcct | aaccactagt | cgggcttttg | acacagcgac | ttctccgtaa | atggttgactg | 180 |
| cagggcagaa | agaaaggcta | aaagttctta | ggagaatggt | tgcccttgca | tgtatatgct | 240 |
| ggcgatgcta | ataagtccca | gctagacctg | gcagtgaagta | agttcagggg | tggcaattta | 300 |
| attttcttgc | tattagtaaa | acaaacagta | ggtgggatgg | gtggtaagct | taaatatctc | 360 |
| tgacgcgcca | tttaaaccat | ccatcccacc | tgtgggttgt | ctgcacctgc | tcttttggtg | 420 |

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| cggtgggtct | cctaatttgc | ttttcagtc | ctttcatctt | atcattgttc | tcaaaggcac | 480 |
| cgctctgcaa | accacataaa | ggcctttcaa | cttncgctgc | attttgtttt | attcagccaa | 540 |
| ttgactagta | ctgtcagcta | attggattgg | aaatgtaaaa | tgaaagctgt | attattcaac | 600 |
| tgccaacctc | ctcacttggc | anggagtggg | tgatgctggg | aattgaccan | aagtgttaatt | 660 |
| gctctgggtc | tgccctctgga | tttaacaatg | aaccctggga | gggctttctn | tganacactt | 720 |
| gataacctgc | tttttttttt | tccnnggggn | | | | 750 |

<210> 4663
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 4663 | | | | | | |
| gtnnnnnntt | tgaatccctt | ngctctngnc | tttttgcagg | atcccatcga | ttcgactaa | 60 |
| aaatagggtt | gttgtttaag | aagacacctt | ctgagtattc | tcataggaga | ctgcgtcaag | 120 |
| caatcgagat | ttgggagctg | aaccaaagcc | tcttcaaaaa | gcagagtggg | ctgcatttaa | 180 |
| atgtgatttc | catcttaatt | ttactcagat | ataagagaag | tctcattcgc | ctttgtcttg | 240 |
| tacttctgtg | ttcatttttt | tttttttttg | gctagagtgt | ccactatccc | aataaagaat | 300 |
| tacagtacac | atccccagaa | tccataaatg | tgttcctggc | ccactctgta | atagttcagt | 360 |
| agaattacca | ttaattacat | acagatttta | cctatccaca | atagtcagaa | aacaacttgg | 420 |
| catttctata | ctttacagga | aaaaaaattc | tgntgttcca | ttttatgcag | aagcatattt | 480 |
| tgctggtttg | aaagattatg | atgcatacag | ttttctagca | attttctttg | gttcttttta | 540 |
| cagcattgnc | tttgctggac | tcttgctgat | ggctgctaga | ttttaattta | tttggttccc | 600 |
| tacttgataa | tattaaggga | ttctggattt | caggttttca | tttggtttgc | ttttggtttt | 660 |
| ttcctcatgt | aaccattggg | ggaanggatn | caaggaattt | gacacaaang | gnnggaataa | 720 |
| aacattaatt | ttnggccnnn | nnnaaaanan | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 780 |
| nnnnnnnnna | aacctcggn | cttntaaa | | | | 808 |

<210> 4664
 <211> 1008
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1008)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 4664 | | | | | | |
| ccgcncncnn | cnnngnnnnn | nannnnnnng | nnnnngnnnt | ttntttttcn | anncctttca | 60 |
| gnccttgtt | catgatgcag | gatcccatcg | attcgaacnn | gcacngtct | atcncnngt | 120 |
| gaagcactac | ccngntacg | ggttncacca | tgctggggca | gntnggccat | gggcccggtc | 180 |
| acgaacanaa | cgggcctgga | cgctcgcgcc | ctggccgcag | atacctncta | ctaccagggg | 240 |
| gnngactccc | ggcccatatt | gaactcctct | taagaagacg | acggcttcag | gcccggctaa | 300 |
| ctctggcacc | ccggatcnag | gacanntgan | gancaagngg | gggtcganac | ntnngggaga | 360 |
| cggagtgtgca | tagacgcang | gggagaagaa | attcataacn | ccccggncn | aacaccncna | 420 |
| aggacagcag | tcgttttnac | cccngtgcac | ccggttctcg | gtccnaacag | agggccacca | 480 |
| cagnatncnc | cacanttcta | tattanggag | gaanancggg | gaaagaatgt | anaattttga | 540 |
| anaataance | tactggtggt | ccaaanaact | gnngccgaen | cncttgcntn | gtgnnaaagc | 600 |
| gnccntggca | ngattnctng | aaatttnntt | tggttggttg | ggnaggnncc | ccccntccca | 660 |
| tttgccncgn | ccggttggca | aggggaaatt | tcctttcctt | tcacctcan | tatnaaaagg | 720 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ttttncctgg | gagntngaac | tttcgggggg | ttaaaaaanc | ccattgtggg | ngcccaataa | 780 |
| anccangacn | ccncttaggg | ggggaagncc | cntnccgggn | ganntnctgt | tccanaacgn | 840 |
| gngggncngt | atctttngtg | gggncttntt | tcnaaccnat | tttgggggga | ggangcnggg | 900 |
| nntaaccctt | ggcaaccncc | cggaaacatn | gggtgatgtg | nnaaaacatt | tncggatgca | 960 |
| naatattttg | gcncgccggg | ggngccnnan | tatatttgng | gannagcc | | 1008 |

<210> 4665
 <211> 1690
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1690)
 <223> n = A,T,C or G

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| ccnccnnann | acnnngcnnn | nnaaannnaa | nnncnnnann | nggaaacnnn | nnannnnnna | 60 |
| ngcgagngnn | ngnannnnang | cgagnnnancn | gaanangacg | cannnnnannn | ngaangann | 120 |
| nnnnncncng | gngncntgna | nannnnacaan | aggcngnana | cacnnngnng | anannggcnc | 180 |
| annnacacgn | ananannnac | canaacannn | cngctancan | naagannnca | cnnnanagca | 240 |
| nnncncagng | ngnggggancc | gagngcgnga | cntnnncna | ttttttggga | aaccgggttt | 300 |
| tggggccaaa | acnggcttgg | ggngagannct | cacaaacgca | cnnaggagac | gagagagngn | 360 |
| agccgngncn | acgntnnacc | agctacagcg | aantcncnng | nncgccnagn | ngnaanacga | 420 |
| gacnnnagna | gmnacnacca | anannaccan | gggaaggggg | gggaaccnnn | cgnccaanag | 480 |
| nccnnacacn | nantaaanan | ngagngnngt | aagacancca | ngnnncaaan | tgnaannnnn | 540 |
| anncaanacn | aaaanaancc | nnnnacctat | acnnagncac | aacaactnan | ancnnagaan | 600 |
| annannntnt | cnannnnnaan | caaaaaagaa | tcnncannta | nannagnanc | ganncgcgca | 660 |
| nanccncaan | gtannaanna | tantannaca | cgacgganac | atngnanacn | angcgnanan | 720 |
| acangnnnan | cncancanan | ancnangaag | atntntncca | gaacgcgctg | cngnatacac | 780 |
| ancngctnnn | gacngnnnaa | cncagannnn | angcntnang | acncacnnna | cacacncgcn | 840 |
| annncancng | cacagcgngg | atanacgaac | gnnncaagct | cnagnaana | aggtangcca | 900 |
| cangnagagn | anaccnnnna | cnagnnaaan | aagncacatc | accgatanat | nctcgannnc | 960 |
| naccagcnnn | nnncnagnga | cnnccacgcn | nnnancctcn | ncnacangnn | nangnaccnn | 1020 |
| ngcntncaca | cgnanaanaa | tctncnceca | gaagcncggc | ncncgncacg | anacgcagag | 1080 |
| naccgncagn | atnantnacg | cgcaaanagc | gacanaangc | angnccaaga | tanagnngan | 1140 |
| agcgnnatan | nagcacgtcn | acacagcgan | acnngaagan | cacgngnann | tnntnagana | 1200 |
| cannnnngna | nacagcctnt | gacgnaacac | agcannacat | cnnacagctc | ngacancacg | 1260 |
| anananggac | agncncngan | acacgngaac | nacncaannn | cacannagan | gagancannc | 1320 |
| tnannnagat | gananctanc | anncacgnga | tnncaactata | tngannangn | ncgntgccgn | 1380 |
| ngnnancagc | agccngcacc | ancncctact | tgcntactnn | atncnatgag | caccaacgan | 1440 |
| ataagannac | cacnccctnn | ancgannana | tgaacacatn | canntaaann | gnagantnan | 1500 |
| tanacgcacn | ncncannnac | ngangtacag | nnnnntcacc | annngcgnnn | gatangctcn | 1560 |
| nntatactaa | cnnananana | gnnnnaacaa | cagaaanaan | cacnagacag | agaagcnnnc | 1620 |
| ncatgatnnc | ccactcacga | ncnnnngagt | cngcngannn | tcnnnnnctn | atcnnacagaa | 1680 |
| ntnctntnnc | | | | | | 1690 |

<210> 4666
 <211> 839
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(839)
 <223> n = A,T,C or G

<400> 4666

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----|
| tttgaaaacc | tttnatacaa | gctacttggt | ctttttgcag | gatcccatcg | attcgaattc | 60 |
| ggcacgaggg | nangganncn | ncangatctt | gganggntcn | cnctggncga | gaccaaggaa | 120 |
| aagcntcggn | cgatnggngn | cccaatgcan | ggtgatgggg | atggcttnna | nnctantgnt | 180 |
| gnnccnatat | ccannatnan | gctggtgcat | aangnantcn | nnnnccctaa | nnncgcngaa | 240 |
| nnntggncng | atnttgntcn | ngacnntgtg | nnnttnnatg | tnnacactgt | nnntnnnaac | 300 |
| nnrtgtcggn | ccnncnangc | tgatnntgac | ctggncaatg | acctgctgtg | gnantgctgg | 360 |
| nttcactgnt | cangtgacta | tattnatcca | tacannacca | attnaccttg | ctcatatcat | 420 |
| ccntagnntt | gnattgccac | tcnggattnn | attgcantnc | aangcnnanc | tttaactann | 480 |
| ngggatnata | aatnntccgc | ccntttnttg | nnanaaaaaat | cttgnaaagg | aanagcccnt | 540 |
| tacacttgta | aggaaattnn | ggcccccaacc | tnagcaaatg | gcataanaaaa | ggttggcngg | 600 |
| ncangtcena | tanaaanctt | nnangannat | tgtcaaaaaca | nntnnacctt | tctggncatg | 660 |
| aatcattggn | tggtgnttnt | agactnccaa | gagtntgggg | nggntntttt | tcaaaaannt | 720 |
| tttananaga | acntttgcnc | ggaactgttc | agngggcaat | caactttttc | ncggnaaggc | 780 |
| tttagactgc | taaaatggan | ttnttncct | tataactgcc | ancccaaatc | tttatnct | 839 |

<210> 4667

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4667

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| gnnnnnnnnn | ntntnaata | tacagctctt | gttctttttg | caggacccat | cgattcgctc | 60 |
| angcngnggc | ctccttcccc | agntttgntg | cctgagtgga | accagtgcnn | acncacagnc | 120 |
| cggaaaaggc | gcatactaacg | cntnttnagg | ctnnggtaac | tgcggaacaag | ttgctttnac | 180 |
| ctgatttgat | gatacatntc | attaagggtc | cagttataaa | tattttgcta | atatttatta | 240 |
| agngactata | tgaatgcanc | tncattnacc | agtaacttat | nttaaataatg | cctagtaaca | 300 |
| catatgtngn | ataatntcta | gaaacaaaca | tntaataagn | atataatccn | gtgaaaatnt | 360 |
| gaggcttgat | aatattaggt | agtgcacatg | aagcatggna | gaagctgtna | cagattacat | 420 |
| anagaataat | gaggagatta | tgatggaacc | ttaatatata | atggtgncag | cgattntagt | 480 |
| tnaatattcg | atactggnat | ctatctgctg | tatatggaat | actttttaatt | caaacgctga | 540 |
| anacgaatca | gcatttagtc | ttgccaggna | cacccaataa | tcagncatgt | gtaatatnca | 600 |
| caagttcgtn | tctgttttgg | gttatnttga | tggtnggttt | gtgnttttgc | tttaagttgc | 660 |
| atgagctttt | tgcnngaaat | antcactcat | cccactccag | ataaggggnt | tagtcatnag | 720 |
| aaagtctgtc | tgngtgatga | tggtacggg | gccaatcttt | ntcccccttc | tggttaatag | 780 |
| tcattacatt | tctatgccnn | nnnaggancn | natccataac | tttancttaa | ngtncacatt | 840 |
| ggnatntt | | | | | | 848 |

<210> 4668

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1690)

<223> n = A,T,C or G

<400> 4668

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| ccnccnnann | acnnngcnnn | nnaaannnaa | nnncnnnnann | nnngaaacnnn | nnannnnnna | 60 |
| nngcagngnn | ngnannnang | cgagnnancn | gaanangacg | cannnnnnnn | nnngaangann | 120 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| nnnnncncgng | gngncntgna | nannnacaan | aggcngnana | cacnnngnng | anannggcnc | 180 |
| annnacacgn | ananannnac | canaacannn | cngctancan | naagannnca | cnnnanagca | 240 |
| nnncncagng | ngngggganc | gagngcgnga | cntnnnccna | ttttttggga | aaccgggttt | 300 |
| tggggccaaaa | acgngcttgg | ggnagannct | cacaaacgca | cnnaggagac | gagagagngn | 360 |
| agccgngncn | acgntnnacc | agctacagcg | aantcncnng | nncgccnagn | ngnaanacga | 420 |
| gacnnnagna | gnnacnacca | anannaccan | gggaaggggg | gggaaccnnn | cgnccaanag | 480 |
| nccnnacacn | nantaaanan | ngagngnngt | aagacancca | ngnnncaaan | tgannaannnn | 540 |
| anncaanacn | aaaanaancc | nnnnacctat | acnnagncac | aacaactnan | ancnnagaan | 600 |
| annannntnt | cnannnnnaan | caaaaaagaa | tcnnncannta | nannagnanc | ganncgcgca | 660 |
| nancncnaan | gtannaanna | tantannaca | cgacgganac | atngnanacn | angcgngnan | 720 |
| acangnnnan | cncancanan | ancnangaag | atntntneca | gaacgcgctg | cngnatacac | 780 |
| ancngctnnn | gacngnnnaa | cncacgnann | angcntnang | acncacnnna | cacacncgcn | 840 |
| annncancng | cacagcgngg | atanacgaac | gnnncaagct | cnagnaanaac | aggtangcca | 900 |
| cangnagagn | anaccnnnna | cnagnnaaan | aagnacacatc | accgatanat | nctcgannnc | 960 |
| naccagcnnn | nnncnagnga | cnnacccgcn | nnnancctctn | ncnacangnn | nanagnaccnn | 1020 |
| ngcntncaca | cgnanaanaa | tctncnccca | gaagcncggc | ncncgncacg | anacgcagag | 1080 |
| naccgncagn | atnantnacg | cgcaaanagc | gacanaangc | angnccaaga | tanagnngan | 1140 |
| agcggnatan | nagcacgtcn | acacagcgan | acnngaagan | cacgngnann | tnntnagana | 1200 |
| cannngnaa | nacagcctnt | gacgnaacac | agcannacat | cnnacagctc | ngacancacg | 1260 |
| anananggac | agncncngan | acacgngaac | nacncaannn | cacannagan | gagancannc | 1320 |
| tnannnagat | ganantanc | anncacgnga | tnncactata | tngannangn | ncgntgccgn | 1380 |
| ngnnancagc | agcncgcacc | ancncctact | tgcntactnn | atncnatgag | caccaacgan | 1440 |
| ataagannac | cacncctctn | ancgannana | tgaacacatn | canntaaann | gnagantnan | 1500 |
| tanacgacnn | ncncannnac | ngangtacag | nnnnntcacc | annngcgnnn | gatangctcn | 1560 |
| nntatactaa | cnnananana | gnnnnaacaa | cagaaanaan | cacnagacag | agaagcnnnc | 1620 |
| ncatgatnnc | ccactcacga | ncnnnnngagt | cngcngannn | tcnnnnnctn | atcnncagaa | 1680 |
| ntncntnnnc | | | | | | 1690 |

<210> 4669

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4669

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttttcataca | gctcttgttc | tttttgcagg | atccctcgat | tcgaattcgg | cacgaggtga | 60 |
| ggctctctta | aaaaatttta | aaatactgaa | gaaacaaagg | gaggagtgtg | tagaatctgg | 120 |
| agtggaggaa | acttctgtgt | caccaaacac | agaaaccatc | aaagaaaatc | tttacttcc | 180 |
| aaaattagtc | tatagaaaaa | aaaaagaaaa | tcttaaccca | aataagagac | tgaggcaaga | 240 |
| gcttcaatca | atcgagggtt | actgagccag | agttggagcg | tgccaggaaa | gcaacacaag | 300 |
| tcaaagaaac | gtctgtggcc | tgtgctctcc | caagaagttt | tcaggagggt | caatatattgt | 360 |
| acatttcttt | aaaggggaga | agacagtgag | gcaaagtgtt | atgtttttgt | gagactctta | 420 |
| attagtgtcc | cgtaaatact | agctatatgg | aagatagggt | gaacactgga | agaacaggga | 480 |
| gtaacagaag | accaattatg | cagaggtctc | aggttaggtg | gaggaatgat | tgatctcatc | 540 |
| ttatccttgt | ctgcacctgg | gcagatnaac | tttgtaattg | acattgtcag | tgtgaaattt | 600 |
| acaagacttt | tggttttagg | agtttaggtt | aggttgccag | acctaaagtt | gcagttgaca | 660 |
| tgtntctgtt | ttataggagg | atntccatnc | tgaaagttaa | gggactggcc | aanaattact | 720 |
| ggtgagcaat | ttgtgantgc | ggcnetggag | atcatgancg | tttttgcctt | tttgngggat | 780 |

<210> 4670

<211> 712

<212> DNA

<213> Homo sapiens

<400> 4670

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gttttagagc | agctcttggt | ctttttgcag | gatccctcga | ttcgaattcg | gcacgaggaa | 60 |
| ctagtctcga | gttttttttt | tttttttttt | atgatattac | accatagggt | ttattaacga | 120 |
| taaagtgttg | cattactttt | aaaagcttag | ctcttactaa | gcattcttta | acaaaagcta | 180 |
| ataagcaaga | aatcatttgc | catacggaaa | ctatattcac | aaacaagact | ttaatccaat | 240 |
| attgaaagct | aaagaattag | aaaaaataca | aaacactgct | atgagtcaat | tgaactgcta | 300 |
| tcattgaatt | tgctgcattt | agaatgacat | aaacatactg | aacataaaaa | caattttatg | 360 |
| gatttattct | ataagactag | cattaagaat | gacatacaat | ttgtgatttc | ctttaaaaaat | 420 |
| aattttttac | aacagaatcc | atttgaacaa | agggctcttt | tttccctcga | tttgagggga | 480 |
| agacaatcta | tgtttcccaa | acagatcctc | ctttcatact | aaaatagcaa | actgtggcct | 540 |
| cgatctcctc | ttcccagatg | ctacttatag | atgactttgc | ataataactt | aattagaatt | 600 |
| acttttctgg | taacagtgtc | acggccataa | ataatcagtt | tttaaaaaac | aaacatcaag | 660 |
| ggcaaactcta | gaaaacttcc | tttaaaggaa | ttacccaaac | ccagcacaca | tg | 712 |

<210> 4671

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4671

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| gtncctnta | aaaccttttt | tanaatctnc | ttgttctttt | tgcaggatcc | catcgattcg | 60 |
| ttcatatttg | aagaattaga | aatgaagtcc | gttcagattc | tccaaagaac | ctccagccac | 120 |
| tggtggggga | cattcttaat | tcacattcct | atcagttggt | atctcctgtc | cctgaagaca | 180 |
| ctgatgaggc | ttgggaggag | aatcccacct | ttccctgcag | ggggtaggag | tgggcagggc | 240 |
| agggagggtga | gggcgctggg | ccagaacact | ggcaagggat | gggaacctaa | cttcttctgt | 300 |
| gcttctgatt | tgcccttgca | ggtgtttttc | caggtctgac | cacctggccc | tgcacatgaa | 360 |
| gaggcacctc | tgaggggagca | gagaggtgga | tcctgtaggc | taaaaggcct | ccaggctgag | 420 |
| agcccgggcc | gtggaaggag | ggatgcatgc | tttattaagg | ctcttgtttc | acctggcagt | 480 |
| gtactgtatc | aacgtataat | acagaaaaaa | aatctcttta | aggctcctct | tcacaaagac | 540 |
| atagagtga | actcccttta | catgtcagta | tttgttcaac | actttaggca | acttgactgt | 600 |
| cagtgttaaa | atggaaaaca | ggaaaatgga | aaaatctgac | caattctgcc | ccttgagact | 660 |
| ttcatataga | ccttgacaaa | caattgtata | gatcacacac | cggcttggtat | ttaatatgta | 720 |
| acattttcnc | acatnttaaa | gatccagaag | ttttaaaaaa | cccccaatgt | taatgtattt | 780 |
| gc | | | | | | 782 |

<210> 4672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4672

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gagcctntga | ancctatnta | caatctactt | gctctttttg | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | gaaaaaacct | cctgggactg | ttgcaaggat | gaaatgaagg | attgagggat | 120 |
| tgaggggattg | ctgagctgga | gctccagggtg | tcctatcttt | ctcagtgggg | tggcacggag | 180 |

```

cggggcegcgc tccctcttct ctccaggcag gtggggctgt gggttatgcga taggggtctcc 240
cttccctcca gcccatgcca gaggagcttg taactcttta tcctcatggt gccactacg 300
agtcatactc tccccatgc tgcctattct cctgggcccc atccactcag ccaaagcaga 360
atgcagggtt tctgcctga caacccttct cactcccaa gtccacttt tgaacaagct 420
gatgattctg aaactggccc aatttcctaa caagccggat gcttgagaaa cctacatttg 480
gacaatgaga ggctgctcct gcngcctgcg ggccacctcc tcttccttg ctcctgcttt 540
cttttttagac tatatcaacc tacaacttta ctcggaaga gggacagggg tggacctgag 600
tttcgtctcc tgtctctctg gctgatgtca cctggaataa agccttcttn cctggccaaa 660
naaaaaanacc nnnnnnanaa nntactttna gcctctanaa ctatagttag tcgtattacg 720
tnnaanccaa cttgaataag anacattgat gaattttgga ncaancnca actntgaatg 780
ct 782

```

<210> 4673

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4673

```

gnttnaganc aggcctctgtt ctttttgcag gatccatcga ttcggtttcg gcanctgggg 60
tnggnactgt tgataggang atgtnttaag gaaatgctaa aattgggcac cctgccccca 120
acttcaaagc cncagctgtt atgccanag gtcanntnaa agatatnacc ctgtctgact 180
acaaaggaaa atntgttng nntctcttt accctcttga cttnaccttt gtgtgcccc 240
cggagatcat tgnntncagt gatagggcng aanaatntaa naaactcaac tgccaagnga 300
tnggagcttc tgtggattct cacttggtgc atctagcatg ggtcantaca cctaagaagc 360
aaggaggact gggacccatg aacattcctt tggntncaga cccgaagcgc accattgctc 420
angattatgg ggtcttaaa gctgatgaag gcatctcggt caggggcctt tttatcattg 480
atgataaggg tattcttcgg cagatcactg naaatgacct ccctgttggc cgctctgtgg 540
atganacttt gagactagt caggccttcc aggcactgac naacatgggg aagtgtgccc 600
agctggctgg aaacctggca gtgatccatn aagcctgatg tccaaannag caaagaatat 660
ttntccaagc ngaagtnagc gctgggctgg tttantgcca ggctgc 706

```

<210> 4674

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 4674

```

gtttaatcag ctcttggtct ttttgcagga tccctcgatt cgaattcggc acgagtattg 60
gtttgtagaa atgctactga tttttgtacg ttaatttttg tatcctgaaa ctntactaac 120
gtcatttata aggtcttttg gagggattgt taggggtttt ttaggtttag aatcatattg 180
tgagtgaaca gagataattt gacttcctct ttttctattt agatgccttt tgtttctttt 240
tcttgcccga ttgctctggg taggacttca gtactatgtt gaatagaggt ggtgagagtg 300
ggcatccttg tcttggtcct aggggggatg ctttcacctt tgcccattca gtatgatatt 360
ggctgtgggt ttgtcataga tggctcttat tattttgaga ggtatgttcc ttcattgcct 420
agtttgttga ggatttttat catgaaggga tattggactt tatcaaagtc ttttctacat 480
gtattgagat gatcatatgg tttttgtttt taattctggt tatgtgctaa aactattccc 540

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| caaaatcaaa | gagaaaggat | ttctccttaa | cacattctac | gaaaccagta | tcctcctgat | 600 |
| ccaaaatctg | gcaaggacac | caacancana | aaanaaaaaa | aaaaaactng | gcctttaaaa | 660 |
| actttngggg | ngccnnnttn | cgnaanatcc | nnncttgat | nagatccntn | | 710 |

<210> 4675

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 4675

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttgaaanct | tttatacanc | tacttgttct | ttttgcagga | tcccatcgat | tcgaattcgg | 60 |
| cacgagggtg | ggacgagccc | tccccatcct | gagtcacacg | ggagatccac | agctcacgga | 120 |
| gcctggccgc | ggacccctcc | caccctcgcc | ttgccggccc | ctgcacattt | aggatatgct | 180 |
| cctgggtggg | gactgggctg | tgcccagggc | ctctgtcccc | caggatgtct | tgtgggtcgg | 240 |
| gtcggccgtt | ctgcccccca | gggcaccccc | tgttgtaggc | actggctagg | gaggggcagg | 300 |
| cctccttctt | gcccctcgag | acactcttgg | gagatgcatt | ttcgtctcgg | ctcacagggg | 360 |
| gaggggtgag | ctttgcaccc | cacccttgnc | cangccactg | tgatgggtgg | tgctgctgaa | 420 |
| cccccggggc | agcaggagcc | aggcangtga | tgtctttgtc | tcggctccca | cagnagaacc | 480 |
| aggtgagggg | gcgccctgca | aggccanaac | catgtggggc | aaactgaacc | ctgttccnct | 540 |
| gtggcgccat | gccccgatct | tttacacact | ggtgaccctn | aaaaagatg | taagatgnaa | 600 |
| cctggccggg | gtttnttnan | cccgaacttt | aanttgncn | tncaaacctt | tggtctgaac | 660 |
| ttgggtctgt | ttacctaana | aagtcccaca | aggtgcctta | ttnttngggg | ttnttttnna | 720 |
| naancncnt | tnnnngnna | nnnttttttn | natttnnnnn | aaaanatnnn | aaannngnnt | 780 |
| tt | | | | | | 782 |

<210> 4676

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 4676

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| gttnnnnnnt | tgaatccctt | ngctctngnc | tttttgcagg | atcccatcga | ttcgcaactaa | 60 |
| aaataggttt | gttggtttaag | aagacacctt | ctgagtattc | tcataggaga | ctgcgtcaag | 120 |
| caatcgagat | ttgggagctg | aaccaaagcc | tcttcaaaaa | gcagagtggg | ctgcatttaa | 180 |
| atthtgattt | catcttaatg | ttactcagat | ataagagaag | tctcattcgc | ctttgtcttg | 240 |
| tacttctgtg | ttcatttttt | tttttttttg | gctagagtth | ccactatccc | aataaagaat | 300 |
| tacagtacac | atccccagaa | tcataaaatg | tgttcctggc | ccactctgta | atagttcagt | 360 |
| agaattacca | ttaattacat | acagatttta | cctatccaca | atagtcagaa | aacaacttgg | 420 |
| catttctata | ctttacagga | aaaaaaattc | tgntgttcca | ttttatgcag | aagcatattt | 480 |
| tgctggtttg | aaagattatg | atgcatacag | ttttctagca | atthttcttg | gttcttttta | 540 |
| cagcattgnc | tttgctggac | tcttgctgat | ggctgctaga | ttttaattta | tttggttccc | 600 |
| tacttgataa | tattaaggga | ttctggattt | caggttttca | tttggtttgc | ttttggtttt | 660 |
| ttcctcatgt | aaccattggg | ggaanggatn | caaggaattt | gacacaaang | gnnggaataa | 720 |
| aacattaatt | ttnggccn | nnnaaaanan | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 780 |
| nnnnnnnnna | aacctcggnc | cttntaaa | | | | 808 |

<210> 4677
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4677

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gntctcatnn | tggnaggctc | ttgttctttt | tgcaggatcc | catcgattcg | aattcggcac | 60 |
| gaggtgcgac | gaaggagtag | gtggtgggat | ctcaccgtgg | gtccgattag | ccttttctct | 120 |
| gccttgcttg | cttgagcttc | agcgggaattc | gaaatggctg | gcggtaaggc | tggaaaggac | 180 |
| tccggaaagg | ccaagacaaa | ggcgggtttcc | cgctcgacga | gagccggctt | gcagttccca | 240 |
| gtgggcccga | ttcatcgaca | cctaaaatct | aggacgacca | gtcatggacg | tgtgggcgcg | 300 |
| actggccgtg | tgtacagcgc | agccatcctg | gagtacctca | ccgcanaggt | acttgaactg | 360 |
| gcaggaaatg | catcaaaaga | cttaaaggta | aagcgtatta | cccctcgtea | cttgcaactt | 420 |
| gctattcgtg | gagatgaaga | attggattct | ctcatcaagg | ctacaattgc | tgggtggtgn | 480 |
| gtcattccac | acatccacaa | atctctgatt | gggaagaaag | gacaacagaa | gactgtctaa | 540 |
| aggatgcttg | gattccttgt | tatctcanga | ctctaaatac | tctaacagct | gccagtgttg | 600 |
| gtgattccag | tggactgtat | ctctgtgaaa | aacacaattt | tgcctttttt | gtaattctat | 660 |
| ttgacaagtt | tggaagttaa | ttagctttcc | accaaccaa | tttctgct | | 708 |

<210> 4678
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4678

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gttnnnnnntt | tgaatccctt | ngctctngnc | tttttgcagg | atcccatcga | ttcgactaa | 60 |
| aaatagggtt | gttggttaag | aagacacctt | ctgagtattc | tcataggaga | ctgcgtcaag | 120 |
| caatcgagat | ttgggagctg | aaccaaagcc | tcttcaaaaa | gcagagtggg | ctgcatttaa | 180 |
| atttgatttc | catcttaatg | ttactcagat | ataagagaag | tctcattcgc | ctttgtcttg | 240 |
| tacttctgtg | ttcatttttt | tttttttttg | gctagagttt | ccactatccc | aataaagaat | 300 |
| tacagtacac | atccccagaa | tccataaatg | tgttcctggc | ccactctgta | atagttcagt | 360 |
| agaattacca | ttaattacat | acagatttta | cctatccaca | atagtcagaa | aacaacttgg | 420 |
| catttctata | ctttacagga | aaaaaaattc | tgntgttcca | ttttatgcag | aagcatattt | 480 |
| tgctggtttg | aaagattatg | atgcatacag | ttttctagca | attttctttg | gttcttttta | 540 |
| cagcattgnc | tttgctggac | tcttgctgat | ggctgctaga | ttttaattta | tttgggtccc | 600 |
| tacttgataa | tattaaggga | ttctggattt | cagggtttca | tttgggttgc | ttttggtttt | 660 |
| ttcctcatgt | aaccattggg | ggaanggatn | caaggaattt | gacacaaang | gnggggaataa | 720 |
| aacattaatt | ttnggccnn | nnnaaaanan | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 780 |
| nnnnnnnnna | aacctcgnc | cttntaaa | | | | 808 |

<210> 4679
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4679

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| ttatntttca | ttcanctctt | gttctttttg | caggatccct | cgattcgaat | tcggcacgag | 60 |
| tcaaggccta | cgaacaggtg | atgcactacc | ccggctacgg | ttcccccatg | cctggcagct | 120 |
| tggccatggg | cccggtcacg | aacaaaacgg | gcctggacgc | ctcgcccttg | gccgcagata | 180 |
| cctcctacta | ccaggggggtg | tactcccggc | ccattatgaa | ctcctcttaa | gaagacgacg | 240 |
| gcttcangcc | cggctaactc | tggcaccccn | gacnaggac | aagtggagag | caagtggggg | 300 |
| tcgagacttt | ggggagacgg | tggtgcatag | acccaaggga | gaagaaatcc | ataacacccc | 360 |
| cacccaaca | ccncaagac | agcagtcttn | ttaccgctg | cancggttcc | gtcccaaaca | 420 |
| gagggccaca | cagatacccc | acgttctata | taaggaggaa | aacgggaaag | aatataaagt | 480 |
| taaaaaaaag | cctccggttt | ncactactgn | gtagactcct | gcttcttcaa | gcacctgcag | 540 |
| attctgattt | ttttgntggg | ggtgntctcc | tccattgctt | gttgntgcag | gggaagtctt | 600 |
| tacttttaaa | aaaaaaaaaa | atthttgtgga | gttggacttc | gggggtnaaa | aacccatggt | 660 |
| tgthttttnaa | caagnaanca | agaaggggtt | ggtacttatt | tggntttaa | aaaaaaaaaa | 720 |
| aaaaaaaaaa | aaaacntttg | nngncccttn | ttaaaaaact | ttttttgnng | gaggttcggt | 780 |
| nattttaccg | ttaaaaattc | ccccaccct | tgggtttang | gaattnnan | tttgattgn | 840 |
| aaatthtttg | gnaccnaaan | ccncccaac | ctttgggaaa | | | 880 |

<210> 4680
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4680

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| ttatntttca | ttcanctctt | gttctttttg | caggatccct | cgattcgaat | tcggcacgag | 60 |
| tcaaggccta | cgaacaggtg | atgcactacc | ccggctacgg | ttcccccatg | cctggcagct | 120 |
| tggccatggg | cccggtcacg | aacaaaacgg | gcctggacgc | ctcgcccttg | gccgcagata | 180 |
| cctcctacta | ccaggggggtg | tactcccggc | ccattatgaa | ctcctcttaa | gaagacgacg | 240 |
| gcttcangcc | cggctaactc | tggcaccccn | gacnaggac | aagtggagag | caagtggggg | 300 |
| tcgagacttt | ggggagacgg | tggtgcatag | acccaaggga | gaagaaatcc | ataacacccc | 360 |
| cacccaaca | ccncaagac | agcagtcttn | ttaccgctg | cancggttcc | gtcccaaaca | 420 |
| gagggccaca | cagatacccc | acgttctata | taaggaggaa | aacgggaaag | aatataaagt | 480 |
| taaaaaaaag | cctccggttt | ncactactgn | gtagactcct | gcttcttcaa | gcacctgcag | 540 |
| attctgattt | ttttgntggg | ggtgntctcc | tccattgctt | gttgntgcag | gggaagtctt | 600 |
| tacttttaaa | aaaaaaaaaa | atthttgtgga | gttggacttc | gggggtnaaa | aacccatggt | 660 |
| tgthttttnaa | caagnaanca | agaaggggtt | ggtacttatt | tggntttaa | aaaaaaaaaa | 720 |
| aaaaaaaaaa | aaaacntttg | nngncccttn | ttaaaaaact | ttttttgnng | gaggttcggt | 780 |
| nattttaccg | ttaaaaattc | ccccaccct | tgggtttang | gaattnnan | tttgattgn | 840 |
| aaatthtttg | gnaccnaaan | ccncccaac | ctttgggaaa | | | 880 |

<210> 4681
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)

<223> n = A,T,C or G

<400> 4681

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| ttatntttca | ttcancctctt | gttcttttttg | caggatccct | cgattcgaat | tcggcacgag | 60 |
| tcaaggccta | cgaacaggtg | atgcactacc | ccggctacgg | ttcccccatg | cctggcagct | 120 |
| tggccatggg | cccggtcacg | aacaaaaacg | gcctggacgc | ctcgcccctg | gccgcagata | 180 |
| cctcctacta | ccaggggggtg | tactcccggc | ccattatgaa | ctcctcttaa | gaagacgacg | 240 |
| gcttcangcc | cggctaactc | tggcaccccn | gatcnaggac | aagtggagag | caagtggggg | 300 |
| tcgagacttt | ggggagacgg | tgttgcatag | acccaaggga | gaagaaatcc | ataacacccc | 360 |
| caccccaaca | cccncaagac | agcagtcttn | ttaccgcgtg | cancegttcc | gtcccaaaca | 420 |
| gagggccaca | cagatacccc | acgtttctata | taaggaggaa | aacgggaaag | aatataaagt | 480 |
| taaaaaaaaa | cctccggttt | ncactactgn | gtagactcct | gcttcttcaa | gcacctgcag | 540 |
| attctgattt | ttttgntggg | ggtgntctcc | tccattgctt | gttgntgcag | gggaagtctt | 600 |
| tacttttaaa | aaaaaaaaaa | attttgtgga | gttggacttc | gggggtnaaa | aacccatgtt | 660 |
| tgtttttnaa | caagnaanca | agaagggggt | ggtacttatt | tggntttaa | aaaaaaaaaa | 720 |
| aaaaaaaaaa | aaacnntttg | nngncccttn | ttaaaaaact | tttttgnng | gaggttcggt | 780 |
| nattttaccg | ttaaaaatcc | ccccaccct | tgggtttang | gaattnnan | tttgattgn | 840 |
| aaatttttgg | gnaccnaaan | ccncccaac | ctttgggaaa | | | 880 |

<210> 4682

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1690)

<223> n = A,T,C or G

<400> 4682

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| ccnccnnann | acnnngcnnn | nnaaannnaa | nnncnnnann | nngaaacnnn | nnannnnnna | 60 |
| nngcagngrn | ngnannnang | cgagnnancn | gaanangacg | cannnnnann | nngaangann | 120 |
| nnnnncncng | gnngcntgna | nannnacaan | aggcngnana | cacnnngnng | anannggcnc | 180 |
| annnacacgn | ananannnac | canaacannn | cngetancan | naagannnca | cnnnanagca | 240 |
| nnnncacng | ngngggancc | gagngcgnga | cntnnncna | ttttttggga | aaccgggttt | 300 |
| tgggccaata | acngccttgg | ggnagannct | cacaaacgca | cnnaggagac | gagagagngn | 360 |
| agccgngncn | acgntnnacc | agctacagcg | aantcncnng | nncgcnagn | ngnaanacga | 420 |
| gacnnnagna | gnnacnacca | anannaccan | gggaaggggg | gggaaccnnn | cgnccaanag | 480 |
| nccnnacacn | nantaaanan | ngagnngngt | aagacancca | ngnnncaaan | tgnaannnnn | 540 |
| anncaanacn | aaaanaancc | nnnnacctat | acnnagncac | aacaactnan | ancnnagaan | 600 |
| annannntnt | cnannnnaan | caaaaaagaa | tcnncannta | nannagnanc | ganncgcgca | 660 |
| nancncnaan | gtannaanna | tantannaca | cgacgganac | atngnanacn | angcgnanan | 720 |
| acangnnnan | cncancanan | ancnangaag | atntntncga | gaacgcgctg | cngnatcac | 780 |
| ancngctnnn | gacngnnnaa | cncagnann | angcntnang | acncacnnna | cacacncgcn | 840 |
| annncancng | cacagcgngg | atanacgaac | gnnncaagct | cnagnaana | aggtangcca | 900 |
| cangnagagn | anaccnnnna | cnagnnaaan | aagncacatc | accgatanat | nctcgannnc | 960 |
| naccagcnnn | nnncnagnga | cnnacccgcn | nnnancctcn | ncnacangnn | nangnaccnn | 1020 |
| ngentncaca | cgnanaanaa | tctnccccca | gaagcncggc | ncncgncacg | anacgcagag | 1080 |
| naccgncagn | atnantnacg | cgcaaanagc | gacanaangc | angnccaaga | tanagnngan | 1140 |
| agcgnnatan | nagcacgtcn | acacagcgan | acnngaagan | cacgngnann | tnntnagana | 1200 |
| cannnnngna | nacagcctnt | gacgnaacac | agcannacat | cnnacagctc | ngacancacg | 1260 |
| anananggac | agnncnngan | acacgngaac | nacncaannn | cacannagan | gagancannc | 1320 |
| tnannnagat | ganantanc | anncacgnga | tnncaactata | tngannangn | ncgntgccgn | 1380 |
| ngnnancagc | agccngcacc | ancncctact | tgcntactnn | atncnatgag | caccaacgan | 1440 |
| ataagannac | cacnccctnn | ancgannana | tgaacacatn | canntaaann | gnagantnan | 1500 |
| tanacgacnn | ncncannnac | ngangtacag | nnnnntcacc | annngcgnnn | gatangctcn | 1560 |

```

nntataactaa cnnananana gnnnnaacaa cagaaanaaa cactagacag agaagcnnnc 1620
ncatgatnnc ccactcacga ncnnnngagt cngcngannn tcnnnnctn atcnncagaa 1680
ntnctnnnc 1690

```

```

<210> 4683
<211> 933
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(933)
<223> n = A,T,C or G

```

```

<400> 4683
gagnagggng ttctaatnct ggctntcagc ccaanaacag ctctgttctt gncangatc 60
cgntcgatgt tctccantgg accatccagc ctttttcena gccaggaaag cccggntnga 120
gcanntgata tccangaatg ngngaggctg ncnngcaag gancacctna ggtcnggana 180
tctnananca tcntggcnnc atnntgaaac cctntngnna ctatgnannn tcnaaatca 240
gctnnnnnnn ctggngnacg cntgnagtgc cagcnccang gaggntgatg cagctgaacc 300
cctgancgcc ggnatggtca agattgcntt gacgntnana tcnaaccatt ggnactccat 360
cctggggcan gangaacnan anctntgact cagggtaatg taatcnnnag gtgntggat 420
aaacttgagg ataaaggntt cgannatcaa nactggaggc aactttnnnc ggntaaccct 480
atntantanc tanaatatat ntggaaatcn nnnacanggc aatnggctan ancncnannc 540
ccttggtaan acaccntan ttcntaggg gcacgcgttn acggcangnn tnantcnnnc 600
taanaaacc ancgtaggt gntaagggt taccanntan tcncgaanaa tcnacgccca 660
cctngnattt tctnnggc cttggggcaa ncaaaaatgn ntgaaaaacn tcttgngagn 720
tccaatanan cccacnanat ttcnnaacta tntaagcac cnntaanntt ggnaaaaacn 780
ccnaattngg naatcantat tangganggg ggacatccat ttttaaaccn ttnganaatn 840
nncccnaaaa cnatgctnt tctannnga agnnccaatn nggcataacn aaannnttn 900
gnngnnannc ananatecnn tctctnnntc nnc 933

```

```

<210> 4684
<211> 1383
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1383)
<223> n = A,T,C or G

```

```

<400> 4684
cccnncnnn nnnnacccn ancccnnnn nnacnancce nanacngcna anaannanct 60
nnccnannan cnnanangnn ncncaannnc aancncnna anacnanncn nananncnnc 120
anancnnaca nnnannanna nnnnnnnnn cntcnanaaa cacngacnnn nnnnnnnang 180
nnnnaangna ggggnnnnnn nnnnnnnccn ngagganncn nnnnggnagg annnggcccc 240
gttttttctt gaaaanagnc cttgggggna acagggcnan acantcanca aggagagana 300
ggcnannana gggccttttn naacangcca nccacanan gaacnnnnn aattcnggaa 360
aatangcgca cnaaccaggc anacnactcc ngcgacgat cnccaaancn ntgggggaanc 420
acatcnncna caacnancnt nnncccnana agcctnangn ccacnacnaa ccccnncaa 480
ncganaacac anccctana accnaacnca aanacanacc cacnncnnang acaacngnnc 540
anncnagcac cancnatnnc nnnccggacc antnncngca naccaaagna caccagcnan 600
ancgnnancc caaacacaca gataaacnnc nanagnntcc atngcataan cggaannngc 660
accatnctnc naancaaann nnnccntnna nccanananc acttancant aacaccanc 720
nggtncgacn acaacngcan ngcnactaca tcnaaacac agccaacngc acncaaaacc 780

```


| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|------|
| acnacacagc | ccgcgcctaaa | cccttaaccc | tncaanacca | ttancnagac | ctaacncnaa | 840 |
| canncnagnac | ggncaccann | nncacnccna | tagacccnag | nncnncanac | cggagnaaaa | 900 |
| cnntcngggn | tananaaac | aancaccaac | nataangcaa | cngcnagna | cccnaccaca | 960 |
| tnncccnctc | anannnaccc | nnacacgcga | ancaccgagc | aacannctgg | gcnaatacnc | 1020 |
| tgcacaccnn | ccgccatagc | gacaaanacn | ttcgcanngn | nnnaaancan | nncgagcanc | 1080 |
| cccgnctnn | naacacaaat | ngcnaanncc | agagcaacca | cacancagga | tcaacaacac | 1140 |
| atanngggna | ncngcnanag | agggcaaan | gncacaaaac | cnaaaacata | ctctnnaaac | 1200 |
| acacaaaggc | cnccgacaaa | anntnnacn | nncananacn | catcggaac | caccannaan | 1260 |
| aaccnnnggg | acgcgcncca | ntnnttccan | ananagnann | naccncacca | ttacgagcga | 1320 |
| taancctcaa | aaaacnngga | acantacccc | gaacggcccc | actcantntn | ngnggatcaa | 1380 |
| cg | | | | | | 1383 |

<210> 4685

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 4685

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| ctaatacnaa | ncnnngcntn | tcgnnctnnc | cgaaaanaaa | aggctnnngc | gtgggtgggaa | 60 |
| gcgtgcgggtg | ccgcagcaat | ggcggcgcgc | acaattgcc | cgggtactgg | caattgggtt | 120 |
| tcggcttttg | cgctcgggg | gactcttctc | aaatgccttc | tcacccccac | ataccattcc | 180 |
| acagattttg | aagtacaccg | aaactggctt | gctatcactc | acagtttgcc | aatatcacag | 240 |
| tggtattatg | aggcaacttc | agagtggacg | ttggattacc | cccctttctt | tgcattgggtt | 300 |
| gagtatatcc | tgtcacatgt | tgccaaatat | tttgatcaag | aatgctgaa | tgtccataat | 360 |
| ttgaattact | ccagctcaag | gaccttactt | ttccagagat | ttccgctcat | ctttatggat | 420 |
| gtactctttg | tgtatgctgt | ccgtgagtg | tgtaaagtga | ttgatggaaa | aaaagtgggt | 480 |
| aaagaactta | cagaaaagcc | aaaatttatt | ctgtcgggtat | tacttctgtg | gaacttcggg | 540 |
| ttattaattg | tggaccatat | tcattttcag | tacaatggct | ttttatttgg | attaatgcta | 600 |
| ctctccattg | cacgattatt | tcagaaaagg | catatggaag | gagcatttcn | ctttgctgnt | 660 |
| ctcctacatt | tcaagcatat | ctacctctat | gtaagcacca | gcttatggng | tatatctgct | 720 |
| gcgatcctac | tggttcactg | caagtaaacc | agccttttgt | ctgtgggaaa | aat | 773 |

<210> 4686

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4686

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| gntntttnta | agcgannngc | tacttgctct | ttgcgcgagn | ccntatnttc | naattcggca | 60 |
| cgaggnggtc | tcctgagcca | gagtgtgctc | agacagcagt | ccagctgggtg | gaaagggact | 120 |
| tatggagaga | aaaagaaaag | cgatgtagaa | aaattgaaaa | gaggtacaga | nacagctgga | 180 |
| ttggttacag | ctcgggtgtt | gccttatttt | gaacaggggt | tgaacagttg | gccacctttg | 240 |
| gttgctcaaa | acttggtgat | tggcacanga | gtangttaca | gtctgtttgc | acatccnttt | 300 |
| aggttgcngt | tcactgtgta | cagagaaacc | tttaggetga | acttaaaacg | ngtnaggaga | 360 |
| cagctttctg | cttgatttaa | cagtatcacg | gggtgtgtgt | gngaggtang | gaggtggggg | 420 |
| cncttnnantn | cngtctncta | ngnntgtgtc | aacntctggt | gcagtatctg | tgcnnnttgn | 480 |

```

atctnctgga ancncnate taacngactt ggntaccang nttnncnttt actnantggg 540
tnnanggggcc acccttnntc ttattnnngn tggcanaanc nttcccnttn ggttnctngg 600
naaactnttt atgtggctct ttgntgnnan aaganntggc ttttttnggt ntgnttaang 660
gttnncnttt tgnnaaantt gctcttttgt nntntgttn actaaacccc tttttntaa 720
cccttttana nnnngntnaaa acnnttttaa tcnttccnat gnnnnnaann nttntngggg 780
cnct 784

```

<210> 4687

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 4687

```

ggtatagatc attctacttg ttcttctnt atgcaggatc ccatcgattn gaattcggca 60
cgagacccac ttaggtggcn ccaatgnnga cntncagann gnacagtncn ttnatnnatg 120
gggnngtgan ngcntntata tcataaatct caagaggnc tggaganantc ttntgctggc 180
anntcntgca nttgtngcca ttnaaaaccc tgctgatncn agtgtnatnt cctacgggaa 240
tactggccag aagggtctgt ctnaagtag ctgctgccac tgnagccact ncaattgctg 300
gcncttnan tcctggaacc tttactaacc atatccagg ncnntttcgn gagccanggc 360
ttnttngggg tactgaccn atggntnanc accagctct nactgangca tcttatnnta 420
acctncctac cattgctctg tntaacacag attctcctct gngctatgtg nacatngtca 480
tatccatgca acagcancgg gagctnactc agtgggtaan gatgtggngg atgctnnctc 540
ggcaagttct tcnatgccc tggcancatt ttccatgaan acccttggga gggnaatgcc 600
tgatcttnna ctttnacana aaatcnttga ngnaaaattg cnaaatntan taaaccngnn 660
tntcttgntt gngaaangcn natgaacnca ttggaangga attttcangg nnttaantgg 720
ggntttnttt anccctccnn nnanannnnn g 751

```

<210> 4688

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1383)

<223> n = A,T,C or G

<400> 4688

```

cccnncnnn nnncnaccn ancccnnnn nnacnanc c nanacngcna anaannant 60
nnccnannan cnnanangn ncncannnc aancncnna anacnanncn nananncnnc 120
anancnnaca nnnannanna nnnnnnnnn cntcnanaaa cacngacnnn nnnnnnnang 180
nnnnaangna ggggnnnnn nnnnnnnccn ngagganncn nnnnggnagg annnggcccc 240
gttttttctt gaaaanagnc cttgggggna acagggnan acantcanca aggagagana 300
ggcnannana gggccttttn naacangcca nccacanan gaacnnnnn aattcnggaa 360
aatangcgca cnaaccaggc anacnactcc ngcgcacgat cnccaaancn ntggggaanc 420
acatcnncna caacnancnt nnncccnana agcctnangn ccacnacnaa ccccnncaa 480
ncganaacac anccctana accnaacnca aanacanacc cacncnnang acaacngnn 540
anncnagcac cancnatncn nnnccggacc antnnngca naccaaagna caccagcnan 600
ancgnnanc caaacacaca gataaacnnc nanagnntcc atngcataan cggaannngc 660
accatnctnc naancaaann ncccnttna nccanananc acttancant aacacccanc 720
nggtncgacn acaacngcan ngcnactaca tcncaaacac agccaacngc acncaaaacc 780

```

```

acnacacagc cgcgcgcaaa cccttaaccc tncaanacca ttancnagac ctaacncnaa      840
canncnagnac ggncaccann nncacnccna tagaccnag nncnncanac cggagnaaaa      900
cnntcnggnn tanananaac aancaccaac nataangcaa cngcnagna cccnaccaca      960
tnncccnctc anannnaccc nnacacgcga ancaccgagc aacannctgg gcnaatacnc    1020
tgcacaccnn cgcgcacatagc gacaaanacn ttgcanngn nnnaaancan nncgagcanc    1080
cccgnccctnn naacacaaaat ngcnaanncc agagcaacca cacancagga tcaacaacac    1140
atanngggna ncngcnanag agggcaaan gncacaaaac cnaaaacata ctctnnaaac    1200
acacaaaggc cncgcgacaaa anntnncacn nncananaacn catcggaacac caccannaan    1260
aaccnnnggg acgcgcncca ntnnttccan ananagnann naccncacca ttacgagcga    1320
taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa    1380
cgc                                                                    1383

```

<210> 4689

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 4689

```

ctngttcttt tttcaggatc ccatcgattc gaattcggca cgaggatcag atggtttaac      60
tnttgnggca gngcgagaa anctntgatg atngangaca nntttttaag aaagcaagaa     120
anaaagatac tatggggtca agtgtaactc catggaaatg ccacgtntgc tcttcagtga     180
anaagctggn tnanagtnnc acngaaaact tttgactgta tntatttatt gntgcaaaaa     240
agacgctttt atattgcngc cctcatttgt cacctaagna tnncttctta taaaatccag     300
ccccgatnc atataancat ctgtanctna tcatgattcc tgntgnaaaa gtcancnacy     360
acctntagan gnccttttctt nctatgaaag gagctgctat gncacatgtg cacacnccgc     420
acaactgggn atnaacaatg agtttattgn ncntgggtgga ccaaaattaa gcttgcntaa     480
gggttgngct aantggacct ggactacaga ctctgacgcc ttgaatataa cagtacaatt     540
tggnattttc totgaancag gctaaactga gtaaaatctn tttgaaggng tcctnggtgt     600
gaacatttgc cnngaagcta attagnnct ntngnattt naaattcaac ctntggngtg     660
gaatatgaaa ccnanntnaa acggagataa ctttttctcc ccncanaaan tnaacnttgn     720
gntccntaaa ccnttttagg ggatncnaaa ncnttnnnnc cnc                          763

```

<210> 4690

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4690

```

gnnnnnnntt tgananccat cnntttaaat ncattttgct actngttctt tttgcaggat      60
cccacgatt cgatcagtat gaactcttaa aacatgcaga agcaactcta ggaagtggga     120
atctgagaca agctgttatg ttgcctgagg gagaggatct caatgaatgg attgctgnga     180
acactgtgga tttctttaac cagatcaaca tgttatatgg aactattaca gaattctgca     240
ctgaagcaag ctgtccagtc atgtntgcag gtccnagata tgaatatcac tgggcagatg     300
gactaatatt aaaaagccaa tcaaatgttn tgcacaaaaa tacattgact atttgatgac     360
ttgggttcaa gatcagcttg atgatgaaac tcttttctct tctaagatng gtgtccatt     420
tcccaaaaac tttatgtctg tggcaagac tattctaaag cgtctgttca gggtttatgc     480

```

```

ccatattttat caccagcact ttgattctgt gatgcagctg caagaggagg cccacctcaa      540
cacctccttt aagcacttta ttttctttgt tcaggagttt aatctgattg ataggcgtga      600
gctggcacct cttcaagaat taatagagaa acttggatca aaagacagat aaatgttttt      660
tntanaacac agttaccccc ttgcttcac c tattgctaga actatctcat tgctatctgg      720
tatagactag tggaacaaac ttttaagaaa acagggataa aaaagaaacc cattggctgt      780
ggctactgat aaaaatatnc ccaan                                           805

```

```

<210> 4691
<211> 1197
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1197)
<223> n = A,T,C or G

```

```

<400> 4691
aggggtttac actnctaaaa ttnttgagct nncgntgggc gnaaaggggg cnccttaaa      60
naanttaagg cccnctnaa aaanaatcag ggannattnt ggggggggctt tngggggggg      120
gtcatctatc nnnacacnt aantntatta cncatagata ctcaattnc ntctctagna      180
natnnnngga tcttntcgg ctntnnancc nctcctacta ttactnctna aacgtncenn      240
catantctnt ntacacatat atctnanata ctatacatat antntcatan tntactact      300
ctnatntctc ntctacatct ctanttatnn ntcnntcnct ntctnctnct tantctcata      360
tctnnacgac nnactatttt tntcennnt cctnctntcn cnntnttanc cccnatnann      420
atctntcacc nttnattttc naataactcta tctattant aactatctnc tnttctnnnc      480
nnntnnnnct atnnnncttc tananaactn tccnctnnnc tnnntnnennn taantcnnn      540
cnntctctnn tnnnnnnntnn tgnnnancct nactaanntc ntennntcn ntnattanna      600
nattnttaca nntctcct ncanctnnnn natntatan tcttnttnc nnttcantnt      660
anatnttntn nctancntc nntaattcaa nattnatntc atctcnnnt ntnanfaat      720
nacaatnacc nccannctac ctaatnttna tcnacacna cncennnctn tannccnnata      780
tnactnctnc anttcnnnt natctctnnt tnacacactc cnnngantat actnntnaca      840
cttcttatat nntntacntg tnataactc ttnactana tatnnatcan actnatanaa      900
agcatactat catcttacct nctntnatat accatncacc aatcacttan tntatncatc      960
tcannacanc tccacatatn actcatcct aatagtctc tataatnntn catctactca      1020
ntcacnnna ctctntagat atatnctata ctncancnta tatntatcna ttcactaca      1080
nantanctn catctnttgn nctatacnat aattgtntct catatntnt tctcctacan      1140
nctttatctc gatnnttatc ntgtancn nntntatcta natatnacat atcacat      1197

```

```

<210> 4692
<211> 1050
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1050)
<223> n = A,T,C or G

```

```

<400> 4692
nntnancccc nacngctttt cntntccaat nncctaaac anaaaggggc tggggcnnag      60
cnnagaacac atacaganan anacancnaa gngnctaggt ttttcacct ttnacacnn      120
aaancancac gnncgagtn ncgcagaacc ngcgcnncna gcnncnngan ncgcnnangn      180
nccncgangg ctagagccn nnnngnnaga ggcancaacn aaccatcacc anngccann      240
cncatnchn tcnagananga ganagcaaca ccctgnatnc naacaagaac ccanaantan      300
aanccannaa gtnanaaann agancatca nncgaanacc catntnaccn ccccanagnn      360

```

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|------|
| cnnnnanctn | anagnccagn | accnnaacnn | caancccnnn | cgacnaaacn | accnctaca | 420 |
| nncgaatnecg | naanntccan | gaccanctca | nnctntctcn | annngcnctc | nnncanntnn | 480 |
| accnnaant | gccanncnan | tcccananc | nnccntncca | aacntnanc | ccacnccata | 540 |
| gccanccaag | aaccnncaaa | cnctnecgnc | anntcgatnc | ncatnccac | cnctgcgnat | 600 |
| acgnntnanc | acntcaccaa | ncacgccaaa | accnnannnn | nncanaccga | cnggacancc | 660 |
| tcnctacgcc | nangnaatcn | nccnccact | cactcacctn | nnctacntac | atnagtnaaa | 720 |
| nanccctcat | ctagaccaga | acnncacta | tctacnactn | annctnnana | gacacagnca | 780 |
| caatctnna | actnacacga | tcncaacac | cccaactccc | ncagcaaang | ctnnncnatca | 840 |
| ncnactcatn | cnactctnta | ctaaacgten | nnntcacagn | gcgnaccana | annngcnata | 900 |
| nacatncaen | naaanacgna | ccnncgatnt | ctncaactann | acncaagtnt | cnnntcnntn | 960 |
| nncactcaan | cacnctanga | nnnnatgcgg | tactcgnaga | aatctcngcc | catagnenca | 1020 |
| cacannancc | ccctacgcac | anntcncccc | | | | 1050 |

<210> 4693

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 4693

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| caaacngetg | gctacttggt | ctttttgcag | gateccatcg | attcgaattc | ggcacgagge | 60 |
| taagtattct | aggatctaca | gttatgggtc | ttcatgctcc | aaaggaagag | gagattgaga | 120 |
| ctttaaatga | aatgtctcac | aagctagggt | atccagggtt | tgtggtcttt | gcaacccttg | 180 |
| tggtcattgt | ggccttgata | ttaatcttcg | tggtgggtcc | tcgccatgga | cagacaaaca | 240 |
| ttcttgtgta | cataacaatc | tgctctgtaa | tcggcgcggt | ttcagtctcc | tgtgtgaagg | 300 |
| gcctgggcat | tgctatcaag | gagctgtttg | caggggaagcc | tgtgctgcgg | catccctgg | 360 |
| cttgattct | gctgctgagc | ctcatcgctc | gtgtgagcac | acagattaat | tacctaaata | 420 |
| gggcccctgga | tatattcaac | acttccattg | tgactccaat | atattatgta | ttctttacaa | 480 |
| catcagtttt | aacttgttca | gctattcttt | ttaaggagtg | gcaagatatg | cctgttgacg | 540 |
| atgtcattgg | tactttgagt | ggcttcttta | caatcattgt | ggggatattc | ttgttgcatg | 600 |
| cctttaaaga | cgtcagcttt | agtctagcaa | gtctgcctgt | gtcttttcga | aaagacgaga | 660 |
| aagcaatgaa | tggcaatctc | tctaataatg | atgaagttct | taataataat | gaagaaagct | 720 |
| taacctgtgg | aatcgaacaa | cacactgggt | aaaatgtctc | cgaagaaatg | gaaatt | 776 |

<210> 4694

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4694

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ntnncatac | agctacttgt | tcttttttgc | ggatcccatc | gattcgaatt | cggcacgagc | 60 |
| acattttcct | gtttttcttc | aagccctcca | cagtgttcca | acctctgccg | gttaccatt | 120 |
| tccaaagtca | cttcacatt | ttcgggtatc | cttatagcag | cacccactc | taccagtacc | 180 |
| aatttactgt | attagtccat | tctcatgctg | ctataaagaa | ctgctcaaga | ctgggtaaat | 240 |
| tataaaggaa | ggaggtttta | ttgaccacag | ttctnagggt | tcgcaaggcc | tcangaaacc | 300 |
| tacaattatg | gtggaagggg | aagcaaagtc | cctacttcac | atgggtggcag | gaaggagaag | 360 |
| aatgagaacc | aatgagggga | gangccctt | ataaaaccat | cagatcttgt | gagaacttac | 420 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tatcatgaga | atagcatggg | ggaaactgcc | ctgtgattca | attacttcca | ctaggtcact | 480 |
| cccaccatac | atggagatta | taggaactac | aattttacgat | gagatttggg | tgggaacaca | 540 |
| gccaaaccat | atcaagtatt | aacagnagaa | ttaaccangc | tgaggaanga | ctctcagagc | 600 |
| tcaaagactg | gttnttcaaa | atacagttnn | nccaaaatnn | aaaannaaaa | aaaaactcgg | 660 |
| cctntaaaac | tatantgagt | cgtattcgta | gatccagaca | tgataagata | cattgatgag | 720 |
| tttggacaaa | ccacactaga | tcgagggaaa | aaatgttttt | ttgtgaaa | | 768 |

<210> 4695

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4695

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ntnncatac | agctacttgt | tcttttttgc | ggatcccatc | gattcgaatt | cggcacgagc | 60 |
| acattttcct | gttttcttcc | aagccctcca | cagtgttcca | acctctgccg | gttaccatt | 120 |
| tccaaagtca | cttccacatt | ttcgggtatc | cttatagcag | cacccactc | taccagtacc | 180 |
| aattttactgt | attagtccat | tctcatgctg | ctataaagaa | ctgctcaaga | ctgggtaaat | 240 |
| tataaaggaa | ggaggtttta | ttgaccacag | ttctnagggg | tcgcaaggcc | tcangaaacc | 300 |
| tacaattatg | gtggaagggg | aagcaaatgc | cctacttcac | atggtggcag | gaaggagaag | 360 |
| aatgagaacc | aatgagggga | gangccctt | ataaaaccat | cagatcttgt | gagaacttac | 420 |
| tatcatgaga | atagcatggg | ggaaactgcc | ctgtgattca | attacttcca | ctaggtcact | 480 |
| cccaccatac | atggagatta | taggaactac | aattttacgat | gagatttggg | tgggaacaca | 540 |
| gccaaaccat | atcaagtatt | aacagnagaa | ttaaccangc | tgaggaanga | ctctcagagc | 600 |
| tcaaagactg | gttnttcaaa | atacagttnn | nccaaaatnn | aaaannaaaa | aaaaactcgg | 660 |
| cctntaaaac | tatantgagt | cgtattcgta | gatccagaca | tgataagata | cattgatgag | 720 |
| tttggacaaa | ccacactaga | tcgagggaaa | aaatgttttt | ttgtgaaa | | 768 |

<210> 4696

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4696

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ntantaaatc | ccttgctctt | gttctttntg | caggatccca | tcgattcgaa | tncggcacga | 60 |
| ggacccggcg | gcgcgagacag | gcttgctgct | tctctctcct | nngactcacc | attncaganc | 120 |
| agaanntgaa | aaaatggng | anctcaccca | ggtaanggat | gatgaagtnt | tnatggctnn | 180 |
| tgcatactat | gcannanttn | tncttntgna | aatgatgcnt | atgagtactg | taanngnntt | 240 |
| ctatncattg | ncaagaangg | ntnttgnaaa | tncatangac | tgtgtagcat | tcggcanagg | 300 |
| agaaaatgnc | aagaactatc | ttcgaacaga | tgacanagtg | taacgggtac | gcagagncca | 360 |
| cctgaatgac | cttgaaaata | tnattccatt | ncttgnaatt | ggcatnctgt | attccttgag | 420 |
| tggtcccgac | ccctctacag | cnntcctgta | ctttagacta | tntgtcggag | cncggntcta | 480 |
| ccacaccatg | tgcatatttg | acaccccttt | cnnatccaaa | tatagctatg | actttttttn | 540 |
| gtaggatatg | gannactctt | tccatggctt | acacgntgcn | gtaaagtaaa | ttggccctgt | 600 |
| gcagaaaaac | attccactca | gtnttccaan | tggtctntta | aggaattctn | gaccttgcaa | 660 |
| ttnatantgg | agnnctttcc | ttaagattta | aagggttgcn | ggngagccnn | aggaattntn | 720 |
| aaccnggggt | aaaccctttt | tggaattttt | agcnttgnc | anaa | | 764 |

<210> 4697
<211> 744
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(744)
<223> n = A,T,C or G

<400> 4697
ttaantaann ctntntcttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
gcggggcgag gcagcccgag ctcccgagac cggaagaagc gccatctccc gcctccacca 120
tgaggcccac cgcaccgtcc ctcccgagg aggacctcac tgaagtgaag aaggacgtga 180
gtaacgcagc tgtgcccagg gcgggcgggg gcgggctgca gccagcgagg agacgaaagc 240
ggaagcctgg agtccgagga caaggaggat cctccagggtc ggaggagcgg aaagtccctag 300
cacaggagga ctgtggcgag ccctgcatcc gagggacctt ggtggcagtg atcctccagt 360
gatctgtcaa tccaggtttt acatcgctaa acgcagagct tgggctttgt tgccaagtgg 420
tgttttgatt cttgcccact cctcaccat ctctcatgc ttcccccca actgggttct 480
tgagatgct tcgttaggga ctggcggtc agattcatcc ttaagtcagg ctgcctaggc 540
tgctcactca gcctagagcg aagctgtacc aggtgaagga tccaagcag tggacaaaaa 600
atgtgaaact cttttgcata anggggcttg aggaagctca acagctgaaa gcacaacctg 660
gaattccctt agtnagcaga cgccacata tttaaattgg ggttggggga atgaatacnc 720
gtactgagaa taatgtncag gtaa 744

<210> 4698
<211> 1224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1224)
<223> n = A,T,C or G

<400> 4698
gggttancec tttgnaactt tgctaaatng cttggcaact cgaactcnct gcanggtnc 60
atcgtttcga atncggcncg agacgacacg cttctgcagg tgaanggcac gcggcgccca 120
cggttncctn nagctgngnc gtatgaagct ggatggngnc nntgnggana angtagngct 180
tgatntgcta ataagaaatt tcttggaata gagactagct ctcaacgcac ccncngngc 240
gncgggttc cngcncncn gacaannanc tcgncaggng ccngnatncg gancantnct 300
cncanaacaa gggcgctggc gccaagaata gacaangngc ggcattggcca acnaaacgg 360
tggectncgn ctggcaanga angtgaagaa ggcngtcann ncnaagnnta nccaaantgn 420
cctatgncn naatgttgag ctctntnaaa attcnntanc ttntnnnan tgnnaanta 480
nncacanca ggttttcatt nnacncanta ntanntnct nnanganct nncattagn 540
ccatntctnt tacattnaat tccaatncng tnttgngttg nncggccact tgcnttctnt 600
annctgcnn ncttcnncn cngcantnnn ngactgtnat cnttngtnnc tactcttnt 660
gcattncntn cntatcaacc ccaattgccc nntnnaatta ancganttc tctcatteg 720
ncatnccctc nctantattt actcgnntct acnantnac ccaccgtntt tannngctnt 780
ntntntaaa ccnctctn anctccnaca tacgcnatnt ttacacacc tnttntctc 840
nctcnggcta tanngacccc ntacattatc tcatctcanc tctnatacnt gtcnccttat 900
cngngtatn ctnttctatc gcgncnnatc nnacggcctc acatnttng nctcncnt 960
nmatnnantc tacacacttc tcnntcatan tgtctcaaaa actngnanct actcttnact 1020
tnnaganaat tntatctnnc catactcatc tnttcatagc gaatctntnt acntctggta 1080
tcnctctct gttagntngg acacttcttc tngtctctt ncnatnaa ccgntatgtg 1140
nggtntatn tcncaatncn ctntntccan ntttctcatt nggtttcccc ctntngcenn 1200

atantgggng acacantngn tnnt

1224

<210> 4699

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 4699

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| gnnnnnnnnn | ntttgcan | ccgctggcta | ctngttcttt | ttgcaggatc | ccatcgatc | 60 |
| gaattcggca | cgaggcaacc | ttcgctcct | gggttcaagt | gattctcctc | cctcagcatc | 120 |
| ccaagtagct | gggactacag | gcacgtgcc | ccacacccag | ctaatttttg | catttttagt | 180 |
| agaggcaggg | tttcatcatg | ttggccaggc | tggtctcaaa | ctcctgatct | caagtaatct | 240 |
| gcccactttg | gcctcccaaa | gtgctggcat | tacaggaatg | gagccaccgc | gccagcctg | 300 |
| atttcttttt | ttaggtcttg | tcaggaaaga | tattgattct | tttgattcgt | gaacatggtt | 360 |
| tttggtcgtc | tttaatttgt | ctcatcagtg | cctccatgtg | tttttgatgc | ctttgaactg | 420 |
| gtatttttaa | aattttcaatt | tctaattgtt | cattatagaa | acacaattgg | gttttatata | 480 |
| ttggcattgt | atttttgcaac | tttcttaaac | tcactagtaa | ttctagtagc | tttttttggt | 540 |
| agattcttaa | ggattttctg | tgtaaatagt | catgtcattt | gtgaataaag | ccattttttt | 600 |
| ttccttttca | aattttgtgc | cttttatttc | ttattcttac | catatcacat | tggcaaagac | 660 |
| ctncagtatg | atattgaata | aaagtgggtg | gagaaaaaca | nannttatnn | tnnnnnnnnt | 720 |
| cnnnnnnenn | ncnntnnnct | ncnanccctc | ccnnnnnnnn | nnnnnnntcct | tacnnnnnnnc | 780 |
| nnnccccctt | ttaaanttnn | nnn | | | | 803 |

<210> 4700

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4700

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggngnnnnnn | ntttgaaatc | tntatacan | tacttgttct | ttttgcagga | tcccatcgat | 60 |
| tcgaattcgg | cacgagggtc | gtcgtggcaa | cgttgctggg | gacagcaaaa | atgacccacc | 120 |
| aatggaagca | gctggcttca | ctgctcaggt | gattatcctg | aaccatccag | gccaaataag | 180 |
| cgccggctat | gcccctgtat | tggattgcc | cacggtcac | attgcatgca | agtttgctga | 240 |
| gctgaaggaa | aagattgatc | gccgttctgg | taaaaggctg | gaagatggcc | ctaaattctt | 300 |
| gaagtctggg | gatgctgcc | ttgttgatat | ggttcctggc | aagcccatgt | gtgttgagag | 360 |
| cttctcagac | tatccacctt | tgggtcgtct | tgctgttcgt | gatatgagac | anacagttgc | 420 |
| ggtgggtgtc | atcaaagcag | tggacaagaa | ggctgctgga | gctggcaagg | tcaccaagtc | 480 |
| tgcccagaaa | gctcagaagg | ctaaatgaat | attatcccta | atacctgcca | ccccactctt | 540 |
| aatcagtggt | ggaagaacgg | tctcagaact | gtttgtttca | attggccatt | taagtttagt | 600 |
| agtaaaagac | tggttaatga | taacaatgca | tcgtaaaacc | tttagaagga | aaggagaatg | 660 |
| ttttgtggac | cactttgggt | ttcttttttg | cgtgtggcag | tttaagttat | tagtttttaa | 720 |
| atcatncttt | ttaatggaac | aacttgacca | aaaatttgct | acagaatttt | | 770 |

<210> 4701

<211> 756

<212> DNA

1574

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4701

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| ttncatcagc | tcttgttctt | tttgcaggat | ccctcgattc | gaattcggca | cgagggagga | 60 |
| cgaggaggag | gacgacgaag | aggaggagga | ggaaaaggag | gtggaggagc | agcagcagca | 120 |
| gctgcagcag | ctaataatgtt | gtacttattc | tgtgctgggc | aaaattctgg | atatttttca | 180 |
| tgtactattt | aagcctcaca | aaaatcttat | gatataggaa | atgcttgttt | ccatttggca | 240 |
| catgaagaaa | ctgaanaaca | gagaaatgtg | aaacttgctg | agggtagtct | gtccagagtc | 300 |
| tgtatttttaa | ctactgctgn | gttgccctccc | attgcatagt | gacttcacgt | gtatagggtg | 360 |
| ttttatcatg | cgaggaaata | tttgagtata | aactgtatgt | ggtacaaatc | attttttcca | 420 |
| aatgggaata | cagtgtgttc | cctaaaatta | atgaatccaa | tataattcca | cctaanacaa | 480 |
| ttactgagtt | ttttctttgt | ggttgcagag | cctaaactcat | cccatttccc | tccctgtcac | 540 |
| ttttcatttt | taggatttgc | atcttcatat | ttagtgaatc | tttgatctaa | tagntctggc | 600 |
| tatttaatag | tagtttttaa | acatcttttag | caccgtcttg | gtanccttat | tcctttcttt | 660 |
| ttacctagac | agtttctctt | aggacaaatt | ctttttgttc | cacttctctt | tgatctgcta | 720 |
| tccacccatc | tcaaattatc | aattttcttt | ctgcac | | | 756 |

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4702

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tttnnaannnn | tcangctact | tgttcttttt | gcaggatccc | atcgattcga | attcggcacg | 60 |
| agggtgtcaaa | tttcttgtca | ctcttgctca | aaagtgtcct | gcagctaagg | agtncttcaa | 120 |
| ggagaattcc | caccactgga | gctgggctgt | gcagtggcta | cagaagaaga | tgtcagaaca | 180 |
| ttactggaca | ccacagagta | atgtctctaa | tgaaacatca | actggaaaaa | cctttcagcg | 240 |
| aaccattttca | gtcaggaca | cgttagcgta | tgccacagct | ttgttgaatg | aaaaagagca | 300 |
| atcaggaagc | agtaatgggt | cggagagtag | tcttgccaat | gagaacggag | acaggcatct | 360 |
| acagcagggt | tcagaatctc | ccatgatgat | tggtgagttg | agaagtgacc | ttgatgatgt | 420 |
| tgatccctag | aggaacatgc | ccagcctgag | aggagtcaag | acacaatact | ggatgctcag | 480 |
| caccttcttg | gaatcagaat | ctcgaacctt | ttggaagagc | ctggagattg | gactgggaaa | 540 |
| gctgctgtga | cttgggcgga | tcgtgtatct | ctcaaggaaa | gcatttttaa | gccctagaag | 600 |
| gtttgggagc | tgtttggcag | tgggagaact | ccggcatgtg | gatcaactgt | cccgggagcc | 660 |
| tggtctatat | gtggattcac | atctctgtgg | agattttcng | aaatgaacce | gtggcagact | 720 |
| tttttggttn | cacgaacntc | cagaatgagc | cttaaagctn | | | 760 |

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4703

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gnnnnnnntt | tgananccat | cnntttaaat | ncattttgct | actngttctt | tttgcaggat | 60 |
| cccatcgatt | cgatcagtat | gaactcttaa | aacatgcaga | agcaactcta | ggaagtggga | 120 |
| atctgagaca | agctgttatg | ttgcctgagg | gagaggatct | caatgaatgg | attgctgnga | 180 |
| acactgtgga | tttctttaac | cagatcaaca | tgttatatgg | aactattaca | gaattctgca | 240 |
| ctgaagcaag | ctgtccagtc | atgtntgcag | gtccnagata | tgaatatcac | tgggcagatg | 300 |
| gactaatatt | aaaaagccaa | tcaaatgttn | tgacacaaaa | tacattgact | atttgatgac | 360 |
| ttgggttcaa | gatcagcttg | atgatgaaac | tctttttcct | tctaagatng | gtgtcccat | 420 |
| tcccaaaaaac | tttatgtctg | tggcaaagac | tattctaaag | cgtctgttca | gggtttatgc | 480 |
| ccatatttat | caccagcact | ttgattctgt | gatgcagctg | caagaggagg | cccacctcaa | 540 |
| cacctccttt | aagcacttta | ttttctttgt | tcaggagttt | aatctgattg | ataggcgtga | 600 |
| gctggcacct | cttcaagaat | taatagagaa | acttggatca | aaagacagat | aatgtttttt | 660 |
| tntanaacac | agttaccccc | ttgcttcac | tattgctaga | actatctcat | tgctatctgg | 720 |
| tatagactag | tgaacaaaac | ttttaagaaa | acagggataa | aaaagaaacc | cattggctgt | 780 |
| ggctactgat | aaaaatatnc | ccaan | | | | 805 |

<210> 4704

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4704

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| gttnaganca | gctcttgctt | tttttgcagg | atccctcgat | tcgaattcgg | cacgagggct | 60 |
| attaaaaatg | taatcagtg | gaaaattcat | gccatctgaa | tcgtacngt | atgtaaggga | 120 |
| tttgagttcc | ttacagaatn | ttctgtaatt | tannacttca | agtgaacttat | aaatgtatat | 180 |
| acttctctct | cacaaangtg | ttaggagaag | gaaaatctna | aatactngct | tgatttctta | 240 |
| atttaataac | ataanacaat | tctcataaca | tgtatcacct | aacatgtcac | tttcaacttta | 300 |
| aaagtctaaa | gagttgangt | ttatntcttt | tcttttaaag | ttgatgntta | tgttgggtgat | 360 |
| tccnaaaaag | atcagatccc | ccgntatgaa | ggatcttaac | cttgtctttt | agatctccat | 420 |
| gagaaatgca | gtacatgtag | cattagccat | atttcttttt | tagaggccta | tgtaggatat | 480 |
| ttataacctg | taaaagtttg | atgacttcat | gctcaggaga | aagcaagtaa | ttacctagcc | 540 |
| aagccagggtg | ggtgttcagg | ttagtggtca | acagaaagga | gatgttgaaa | gatttcatat | 600 |
| ctnaagggtg | aaaacacaag | agaagtatat | agagataaac | atgtaaagtn | taagactgta | 660 |
| ccatagtaag | ctaccttcga | agtggcacc | ttgttattat | ttttctg | | 707 |

<210> 4705

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(845)

<223> n = A,T,C or G

<400> 4705

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gngngtgnnn | nnnttttcna | acgttggtta | catacagcta | cttgttcttt | ttgcaggatc | 60 |
| ccatcgattc | gaattcggca | cgagggnang | cngttctgcc | nangangcat | nctnccncng | 120 |
| anatgccacc | nnntgcntg | ntnaccnnna | cgnnncacac | gnctacctgn | gggacatata | 180 |
| cttcatgcac | nggttatgnc | cntaccatga | annctactg | acancnnaac | nngancngnn | 240 |
| tgttgannac | atgaataacc | cactgnacna | agaacntant | ggaatgntan | ctnnntatgt | 300 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccttnttccn | gnggaaggag | nggacaacnt | ttancaagtn | ncagntccaa | ancnaacnna | 360 |
| nccaantata | ntnaaantna | gngctgccan | tttngtggac | nccttgcnan | atnnnnanng | 420 |
| ctctctnnna | ccgntngaaa | ttttncataa | caccatatgc | nccatgattc | tcattgntgn | 480 |
| aagacantca | ttcnatntac | cagatnnatc | ttggngngnt | ntntncnngc | atnngnnnca | 540 |
| ctaaaaactg | ntntnctaac | taaataggat | ttntnttttn | ttatacnngg | anaaaatgng | 600 |
| agttgtgccc | naactntcat | nngcgatant | tacannaant | tgtacttgnt | aaatctaaga | 660 |
| atctaatacn | angacttaaa | aaanangccn | ttagaactat | agggagtana | nttacgtcta | 720 |
| tnccnacatg | nattgatnca | ttcacgactt | ngtccaaacc | anatntntaa | ttcctgaaan | 780 |
| taaatgntnt | ntttngnana | anntggaaaa | gcttcncaan | nttnntaanc | ctaaaacnng | 840 |
| gntnn | | | | | | 845 |

<210> 4706

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4706

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| gcaaccgntg | gctacttggt | ctttttgcag | gatcccatcg | attcgaattc | ggcacgagggc | 60 |
| aaccttcgcc | tccctgggttc | aagtgattct | cctccctcag | catcccaagt | agctgggact | 120 |
| acaggcacgt | gccaccacac | ccagctaatt | tttgcatatt | tagtagaggc | agggtttcat | 180 |
| catgttgccc | aggctgggtc | caaactcctg | atctcaagta | atctgcccac | tttggcctcc | 240 |
| caaagtgcgt | gcattacagg | aatggagcca | ccgcgcccag | cctgatttct | ttttttaggt | 300 |
| cttgctcagga | aagatattga | ttcttttgat | tcgtgaacat | ggtttttggt | cgtctttaat | 360 |
| ttgtctcatc | agtgcctcca | tgtgtttttg | atgcctttga | actgggtattt | ttaaaatttc | 420 |
| aatttctaata | tgttcattat | agaaacacaa | ttgggtttta | tattattggca | ttgtattttg | 480 |
| caactttcct | aaactcacta | gtaattctag | tagctttttt | tggttagattc | ttaaggattt | 540 |
| tctgtgtaaa | tagtcatgtc | atgtgtgaat | aaagccattt | ttttttcctt | ttcaaatttt | 600 |
| gtgcctttta | tttcttattc | ttaccatata | acattggcaa | agacctccag | tatgatattg | 660 |
| aataaaaagt | gtgagagaaa | acanannnna | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnna | 720 |
| ntnnnnccnn | nnnaantnnn | nnnnnnnnat | nnnnnnnnnc | cncttttggn | antnt | 775 |

<210> 4707

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1102)

<223> n = A,T,C or G

<400> 4707

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gggnttcccc | ctnnnaaccc | nttggaana | cnctggngct | ncntgcagga | tcccagcnat | 60 |
| ngcactgagc | nntgnggccc | acggcngagc | cntttttcng | cgagacgngc | ccnncanggc | 120 |
| nccggggngc | tcgtgctggn | nagccnatgg | gnagcannna | ncncaancgg | cctnccnana | 180 |
| ccagagnnnc | anaacgnacc | nagnnnngtg | gcncncccta | ngtcnaggac | anaatannna | 240 |
| nnctancag | ctgntngggc | ncgcannna | gganannnnn | caggcccnnc | aanntaagct | 300 |
| ncnngaana | cnngntntat | acncccnana | naagnncnnc | ngntaacaac | gccaggcgga | 360 |
| gcnttcgngg | anananccac | gagngncccg | cctaaggaaa | tggnccgcna | nancagnacc | 420 |
| ccgaanaana | gtantngngg | tnnntaancc | gagngaacgt | gacaggcggn | acgcaccgac | 480 |
| atngggcnaa | anagaatcgc | ctnggngnca | catcgngnna | cnagnanaaa | cgtncaacgn | 540 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| acanncgngc | accnntnnn | acnngtcana | cgaaacnnn | cncgcatntg | agagcncggc | 600 |
| gcnetcnetg | caaggggngg | cttcnnnacc | cccgcenaaa | nanttnnnag | aaatcccnc | 660 |
| nagacgtntt | ataccnnaga | cacnaccnng | accnngcggn | gcantagtcg | nanagagagg | 720 |
| ctnggtnagn | ananncantg | cgcnegnttc | ccnttcggcg | cncnanaana | agcccagcgc | 780 |
| tntngaanng | tggcnccccn | ntgngnncgc | gcnagnccac | cnggtggcga | aaacacnggn | 840 |
| angngccnnt | nnnaacncan | nggggggggg | nanaacccgg | ggggaaggcg | tnaccngcan | 900 |
| aangngaaa | acngcccaca | nttnnnctcc | gcenggcant | ancccccnga | acatcgnggn | 960 |
| gcannncccc | gcanngnccc | cggccaggcn | ggcgnnnccc | aggnanntta | cgnaccggan | 1020 |
| nccccggnnc | acnnncnagg | ncccnanacn | nnggnaccnn | ngncngggng | gnnacgatgg | 1080 |
| ggncnngcnn | gnnctgccan | ca | | | | 1102 |

<210> 4708

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(855)

<223> n = A,T,C or G

<400> 4708

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| ggtgcttccc | cctgngaacc | ctttntacag | gcnaacttgta | ntttntgcan | gatcccatcg | 60 |
| actcnaattc | ggcacgaggg | catancccg | aatngngttt | ttgatgcatc | cagtcgtggc | 120 |
| attgcaagaa | gtctgtctga | tgaagctcgg | gaagcatttt | gcaatattcc | cttnggctgn | 180 |
| gttcctgtgt | tcctgtctcc | cacttatctt | cccctggttt | gtgattatta | ggagagaggt | 240 |
| tntgcaaaga | ctcnntgctg | tgaagaatc | ttttnttaat | tnttatccta | nagtcantca | 300 |
| cttttatctc | aggnagtcat | gctgatctac | ttatccaaag | ccagcnaacc | aggntcatcc | 360 |
| taccatcctc | atggaagact | gtgtgtatga | attggagtaa | cagaactgaa | ntacacttaa | 420 |
| ncagtgcacg | cactacttcc | cagggtgggg | gccatatttc | tctgngtcct | actctgagca | 480 |
| acttctcana | gatacgangg | ggctagggtt | ttcccatntg | gggaaatggg | gtgaaagnct | 540 |
| gcnaatngnt | aaaagcaaat | gttngaacca | ncaataaatn | agatnnntcn | ncatngnnca | 600 |
| atnnngcact | antnacnnnn | ntnganannn | cgtanntnnn | ctnecgncnc | tnggnagtnt | 660 |
| cncnnggnnc | tctnnattcc | tcgnnnannng | atcngcaatt | ggnannttca | nnatntggat | 720 |
| nnacanctat | ncgtgancna | atnaacntac | nttngnngnt | acnacnacnn | tnactatcnc | 780 |
| atacgcgntc | naaaancgat | ntcacgtntn | cacnattngn | anatatcann | ttntctctnnc | 840 |
| ttgntctatt | naccg | | | | | 855 |

<210> 4709

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4709

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| tnnnnnttta | nttttaatat | actncagctc | ttgtttctttt | tgcaggatcc | catcgattcg | 60 |
| aattcggcac | gaggaacatt | cggactcgag | ataatcgctg | ccttgggggag | tgggacttgc | 120 |
| ctgagctgtg | cagcgactgg | tggagctaca | gaacacgagg | gtcccaaagt | ccgaagaaat | 180 |
| tttctgagcc | tttgtacata | gatgaggcaa | aaacctgcga | gtgccatcag | cctccctcac | 240 |
| atgggagacc | ccaaccagc | tgacaatgtg | gagccccag | aacttcagaa | ctggtggagg | 300 |
| cacatgtctg | ctctcctgaa | aagagacttg | gtttggggac | cccacaaaag | gagggaagct | 360 |
| gtagctgttt | ggatgtgagg | agaatgaaac | tacaaaaaaa | aataaattgg | gccaggcgca | 420 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gtggctcatg | cctgtaatcc | cagcactctg | ggaggctgag | gcggacggat | catgagggtca | 480 |
| ggagatcaag | accaccctgg | ctaacacggt | gaaaccctgt | ctctactaaa | aatacaaaaa | 540 |
| attagcccg | gcatggtggc | acacgcctgt | aatcccagct | tcttaggagg | ctgaggcagg | 600 |
| anaaatcgct | ttgaaccnng | gaaggtagaa | ggttgcantg | agcttgaaaa | ttgcgcccac | 660 |
| ttgcaccccc | cttaggcgac | aagaaccgaa | gaacttttgt | ctnttaaatt | aaattaantt | 720 |
| aanttaantt | aanttcccaa | cctgggggna | aaaaanannn | nnnnnnnnnn | nnnnnnnnnn | 780 |
| nnnnnccctt | cganccttnt | taaaaacttn | ttagnnggag | tcggtnttta | ccgttaaaat | 840 |
| ccc | | | | | | 843 |

<210> 4710

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1501)

<223> n = A,T,C or G

<400> 4710

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|------|
| nanggagcaa | ggccagggtt | ttnnncngnn | ctaannnnann | tnnagaaacn | acggccttttg | 60 |
| nggtttanng | gncnaaaaaa | cccccncaat | gcaggcncca | gcagananan | aaggagncgg | 120 |
| cncggggagg | nggnaanana | nnnncatana | ccngacgaga | gngganacn | nntaacagaa | 180 |
| gacacaccan | aacacnngaa | cncancacaa | agantcncan | acctaannng | cgacgaanac | 240 |
| ncnacacntn | tttttttttc | acnaanaana | cnnaaannag | agngaacgca | nnannagnac | 300 |
| acnnacnacc | acgaggggga | gangnacnan | agagnggaca | acaagagaag | aaanaacaan | 360 |
| ccaacacgcn | cngaacaaca | acacccccng | acancacaan | aacacanan | gcaccaaaca | 420 |
| ataanatcag | aganacacac | agaccaacan | aacacncaac | acnngcnaaa | ancnaacgaa | 480 |
| gnaaanncaa | acaacnaaan | ccacaacgna | gancannnac | nacacaagna | aaaaaatnna | 540 |
| nnanaananc | aaanncanaa | accnaaaaaa | nnccanana | acananaatn | cnnaancnaa | 600 |
| ccaancnaca | nnannanacc | ncacagnant | aanaaanaac | ngnnacanaa | nnacacagag | 660 |
| acanacacac | natacnaca | ccanacaaac | caanancnga | canactacnn | aanannnnna | 720 |
| ncnaaacanc | gacanagnna | nacaaacaaa | gnacacgnaa | ncatncncac | nanagcanan | 780 |
| nacgnataac | accgnangag | aaagatacnn | acatnaanan | ctanaaacgc | ataccgngcg | 840 |
| cgncatanaa | nagnacnnan | ananataata | gcaaanaana | cacnnaagca | naaacaacac | 900 |
| angncaacaa | naacaaaaag | anagaatcnc | acagacagng | cantnacgca | cacaactaga | 960 |
| cacacaagng | anacaacgac | acaanataga | taagananag | anagnnnnag | aaaacncaca | 1020 |
| cganacncaa | cacgaannac | aganannnac | cacnnaacac | aangagcacc | nacancaacn | 1080 |
| ananaanca | ccancnanna | nnnaanana | gacacaaaca | cncnatataa | annnaagacn | 1140 |
| acnncacaca | nagatanaaa | naanagncga | ccgcagnnaa | acaccacgac | aggaacanaa | 1200 |
| nnncnnacna | nananngaaa | nngtananng | agggaagcaa | angaaannaa | cacantagn | 1260 |
| nggaacacaa | anaanancan | annnccatna | aaganaanna | cannaacncc | nganaaaaaa | 1320 |
| ggaaacacan | aancanaccg | naanaananc | nncnanana | nnacaaaanc | accntagaan | 1380 |
| cncanaanac | ngaacnaaac | acaacnnnan | canacaaccg | aatnaaannn | ncancacaaa | 1440 |
| tgnntnanac | caaaganaac | nanancannn | caaaacnaca | cncncgaagg | ntnnnaacnn | 1500 |
| g | | | | | | 1501 |

<210> 4711

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4711

| | | | | | | |
|------------|--------------|-------------|------------|------------|-------------|-----|
| tttttaaaac | ttttaagccc | ttgtgcannn | gcaggatccc | atcgattcga | attcggcacg | 60 |
| agaatagtag | aaaggggtccc | cattcctgct | cagcacnttt | cctctctacc | ccccacaga | 120 |
| cacacatgct | gacacacaca | tgcnagacaac | acncatacac | acacatgcag | gcactcacat | 180 |
| gcaggcccat | gcacacacac | gtgcacacac | atgcaganac | atgnagacac | gcaggcacac | 240 |
| atgcacanat | gcaaagacan | gcatgcangn | acacgnagan | gcaacagaga | canacatgca | 300 |
| gattcacatg | cacacacaca | tacacacact | ggncctgtgt | tttctgtggn | gtcactgggt | 360 |
| gccagnaact | ctgtatatatta | cacctanac | taaaacctgg | gccttaattt | ctctcccgtc | 420 |
| cccaccctta | aattcctgat | ggatgaacct | aagaacttnc | ctgtacactt | caagccggac | 480 |
| tgacgtagcc | tatggggccca | agnagggtcca | gngecnacgt | tttaatttct | ttntaaaaag | 540 |
| ctttaagtct | tgctggggcgc | ggtggntcac | gcctggagtn | ccantatttt | tgngggaggcc | 600 |
| aaagcngntg | gatnacaacg | ngcactgggt | cgngancanc | ctgaacaaca | tgggggaaaa | 660 |
| ccctggtttn | taattggaaa | tacaaaaaaa | atnngcttgg | gccanggtgg | anaggcacnt | 720 |
| tgtgaactca | acctccaggt | tttttggggc | canaaagcat | acccccacna | ngcccaattt | 780 |
| aatttnttaa | aggaatcct | tggtag | | | | 806 |

<210> 4712

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 4712

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| agattaaaga | ggaaagcaga | gactgggttag | gttattatag | tgctcctaggt | aacagttttg | 60 |
| gacaagtgtg | ataaatgttg | aggtggggagg | ggttagaggt | tggattcaga | ctctgttttg | 120 |
| taagtagaga | agataatgtc | tgctgatagc | ttggatatga | ggaggaaaag | gagaggagta | 180 |
| aaggatgact | cagatttttg | acctgtcaat | tgggtgaact | ctgagattaa | attctgtttt | 240 |
| ggctatgtta | ggttggaaat | gctgtgtagg | caattggata | tccaagtctg | gacttcaaga | 300 |
| gtacaatttg | ggactagaaa | attaatttgg | gagtcattag | ggaataacca | tgactttgga | 360 |
| tgagatcacc | tagtacagct | agagaagaga | aggtagcaaa | agacaganac | ctaaggtagt | 420 |
| ccagcattga | ngaagtanag | gagaaganga | nccatccnnn | ngactgncaa | ggaccaccca | 480 |
| gttgacctta | gaagaaaaat | caggagctgg | tattctggaa | accatcngaa | gaaaatgttt | 540 |
| cacaaanagg | gaagtagtat | tgaatgggtg | naaatgttac | ctatatctct | ggnaaaaaaa | 600 |
| ccacttcanc | tgctttttta | agtaaagtgt | gatantttgt | actgcaaata | nctttccata | 660 |
| ntncttttca | aaacatgnta | ttttnggncc | tttaa | | | 695 |

<210> 4713

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(998)

<223> n = A,T,C or G

<400> 4713

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggtgnttccc | cctgngaaac | ctttatacag | cctacttggt | ctttttgcag | gatcccatcg | 60 |
| attcgaattc | ggcagcaggn | cacattcann | tntcannttt | tgcancntta | tancaanant | 120 |
| catngccgan | acattanntg | nctnnaatag | tactgcangc | ncancatctn | cnnnngatcc | 180 |
| ctgtnacctt | gnccctggan | cactcgtnag | ncaagntctg | ntcccagatg | ncntgtaacc | 240 |
| atnantncna | nanaananna | tcnagggnct | ntttntttcc | nncaaacaga | tgcnatntgn | 300 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cnenggetgn | tgtgntgtng | agggcnctan | gcnenggcaa | ctattnnctt | nnangcngaa | 360 |
| gtngttacnc | ntnanggcnc | ncttancttt | caatnagnac | cacatgcnc | tgccaaatng | 420 |
| tgctctnagc | taaatnnttg | gactntgaan | tanggncna | anggtnttgc | aataacantg | 480 |
| tggatctgna | anaagctgt | ttggnnngng | acctaataac | ctcancnggg | nggnctcnc | 540 |
| cttaacnntt | tantnccnt | cntnganagt | gattcatacc | aaggtaccca | ngnnnggtaa | 600 |
| tanttcnact | cntngatcg | naantttntc | cnttnnatch | cnttanagag | nggtcgtnac | 660 |
| ccangtntgt | tcgcttcgcn | cttnttttgg | ggngaaatgt | atntccccat | ggaancnttg | 720 |
| ggggnnccnn | tttgatngcc | gtaatanat | nggaagtcaa | cttggantta | aacgggtgct | 780 |
| canttanct | nagccgaatn | tngtcnttgg | caaacccttg | ccaataacnc | caattacccn | 840 |
| atantngcaa | agnaaatagg | ccnngcatac | cnaagnggga | ccctttataa | attggnnnat | 900 |
| ggacttcccc | tttnaagtng | aacnttggnc | ttagcnaaaa | ggcnatnttc | ttgtatgaag | 960 |
| ntcgcagnan | tngnatatat | tngggttcta | ngggccng | | | 998 |

<210> 4714

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1523)

<223> n = A,T,C or G

<400> 4714

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|------|
| cccccccccc | ccnacnnnc | acccannncn | accccnacn | canacnaatn | nncgccncan | 60 |
| tcacncaccc | cgnntcgann | cnccccnc | taaannccna | ncgcncctnc | cnggntcgca | 120 |
| nnccacntt | gaacctttgc | aaanactggc | aaaccgcgn | cnanagcggg | ggngggann | 180 |
| acacncacnn | canatactan | ncnnccacn | tncganaacg | anagnnncc | ccccaaacna | 240 |
| ctnaggggca | cctcggggnc | cctcctccta | cgcnaacna | ncacatnacn | ncctcengtt | 300 |
| canncnngac | agnnccctc | caacccccac | gcctgctncc | tctcncata | cncnccccc | 360 |
| ctcccnatag | gncncgacan | cccacgcenn | nngnannctn | netcatenna | cncacngcnc | 420 |
| tacacnnccc | acntnccct | tctngggcgca | ncannnnct | ncatcgcnc | agcncacnct | 480 |
| ctnnctcacc | cccatcatna | cctnaancgg | tctacntntn | nncncctcan | ctcacgcnc | 540 |
| aaccgncann | ccncccgna | naetncacnc | tcaanncana | tcganccccc | tcncacncn | 600 |
| accnnnnnnn | cgnncncnc | accnnncaan | nncngtnnnc | ccacctcgag | accnnncang | 660 |
| cnaatacccc | cgatcancca | ccnctctant | ncagncctnc | ccgncnnnc | ganncacacg | 720 |
| angccncac | acnacagcgc | antncgncac | cncanacang | acccanctgc | ccncagecng | 780 |
| nnnnggncan | aaangnnng | cncncnccta | cantcttcca | cccanenncc | ntnancncn | 840 |
| tantannacc | aagccagtan | ncncacctca | nctnnccgaat | cncanacn | ccacanacga | 900 |
| ccgcaccccc | caacnncage | actctcacna | cnnngancan | cannntccac | nacactcntt | 960 |
| ctcnntactc | tntctcanc | ccccnnncta | acngctcact | ncacaancna | ncnncncnn | 1020 |
| anntagccta | cgccaacgan | acgcacncta | nancctacga | caccnntcac | nacacctcac | 1080 |
| cgtacccccc | cngntctnnc | ctcnancgac | ngaancgttn | cacgencanc | acancactcg | 1140 |
| agnantcaca | cgnnacacct | ncacgantac | tcgncacnc | nnnanntnac | nccactngan | 1200 |
| cgcactntct | cncctaacna | cacnacntac | cncacctcac | nccatatcca | cncctaccac | 1260 |
| tcacacanna | ganaagnnna | naccgctctc | agcacntact | cactancnc | ncaacncna | 1320 |
| ccacanncna | nacgtnanac | cncctcngcg | ctcacannag | cgnctggnct | gcnnnctccc | 1380 |
| gnatannttc | gcacntgan | cacncanacn | tntcccnng | ccccacgact | gagcncncnn | 1440 |
| tctcnagacn | ncanccactn | tcnacacnnc | nngacgcanc | taengcncca | ncncannnct | 1500 |
| nanngacnca | cngtccann | ccc | | | | 1523 |

<210> 4715

<211> 726

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 4715

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| gttatnancn | gctcttggtc | ntgctnctgg | atctttttgc | aggatcccat | cgattcgaat | 60 |
| ncngcncgag | tntaggnttg | anccattgna | cccagccnag | gttnttaata | nnannnnanag | 120 |
| cntgctgntn | tnaaaagtga | aaagaggcca | gntgtgggtg | ntactgnctg | nggtcccagc | 180 |
| tntctcggag | gctgaggcat | gaggatcatt | tgngcccagg | ctgcaatgca | atggcactga | 240 |
| tcacggcttt | ctgcancctt | aacntgctgg | gngggacacg | gagtaccctg | ttttttnaang | 300 |
| aanantgcag | agtaacccaa | ttgnatatgn | tatataannn | caactntcnt | aaagganctg | 360 |
| tatatnnaat | gagtgggaanc | aaatntggca | nacnnttaat | ngnacatatn | ttgaaactan | 420 |
| agctcnttac | acttcttttg | nctacaacgg | gtatatgtcn | tacttanatg | atgcacaaaa | 480 |
| ggtgcaccat | atatatatat | gtttntgacg | nnggttntga | nagagtttca | ctcttgcncn | 540 |
| cannctggag | aatgtacnga | actganatng | gngaaatgtc | tccancnggg | ngatnnagat | 600 |
| nnactgggct | ntcgtggaag | aatgggtgnt | accnnaaaat | ttggagcctc | tttaaachnan | 660 |
| tgngnaggac | ntttacntng | gttccccaaa | ttgtngaggg | gncttttggn | gantttnnnc | 720 |
| cnnncc | | | | | | 726 |

<210> 4716
 <211> 1554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1554)
 <223> n = A,T,C or G

<400> 4716

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| ccaccncnnc | ntnntnatn | nnncctnncn | acctcnnnnn | nnccnnnggn | nantngcnnn | 60 |
| nnnnnnnaag | nnnctnatg | aactnaataa | ganntngctg | gtctgaaatn | gcctaactng | 120 |
| aatagggnet | ggggggggnc | nnccngcncna | ggntnatnnc | gtntccagtg | ntntngnnng | 180 |
| ntctcggann | tnnntntaac | tatnnntnnn | nanccannan | anngtcgngg | gntrnnnnnat | 240 |
| nttnnnnntn | natecannna | ncacannncc | ttctnntcan | tcenannaac | ctcntannnc | 300 |
| cantccccta | tnnteganca | gnnnnnccca | cngntnnnnn | ngtcnnnnann | nnnaanchnan | 360 |
| nattcagctn | nnacnntann | ntaacttnnc | ccngcaanga | ncnccnntct | cctcngntcn | 420 |
| accggcnngg | nantncnngn | tcancannnta | tntnnntntt | nnctctatct | nnnnctnttc | 480 |
| tagannannn | nnntnctacn | nnntncaann | cancnnncca | tanantantc | cnnctcngnn | 540 |
| ctcnnctctc | anncgngnac | tntncnngct | ncnnnnntatc | tntnntcnac | nncaacnctat | 600 |
| annnnntctn | anantccenn | ttenacnncn | nctnatcnnc | antgectann | cnnnnccnnc | 660 |
| nnnatgtnan | ncannatnct | ntanancngn | ngcnnnctnn | tcannnnnca | cncnntnatca | 720 |
| catntnnctn | tnnanganann | ntcnnntntcc | nnancatcna | tctncaactc | tncannntntn | 780 |
| cnnatccgc | nnnnnancct | ntnntacnnt | cctnccatan | antanacnnc | nctntcctca | 840 |
| nnnnccnntn | antcnnntatn | cnnnannncn | ctnctctaca | cncgcnncng | cncnactnn | 900 |
| cncnctatcn | nnnnaannntc | ncanctcatn | acctcncctn | tnntnnntnc | natecncatnt | 960 |
| atanacnnan | actctctntc | gnctatnnnn | gncnntctnc | acagtatncc | nctnntntnc | 1020 |
| ntannancga | nnctccnncn | atataatcac | tnnacactnt | actcnnantn | cttactntnn | 1080 |
| accnctctnn | catccnnttc | ncctctnnnc | tcatatntgn | ntacnntnna | ncatctctcn | 1140 |
| cancancnna | ntacacnncn | natncntann | ncanantnnc | ntncannncn | tcnnctnntc | 1200 |
| ngtnnnnctc | ncactctnca | catatatnat | ctancnncn | cacnccnntn | tnnnnnntnc | 1260 |
| tcannnctcn | cnnntctatn | tgtatatacat | nnccctnnta | ncantatcca | nngcccnccac | 1320 |
| natanctcan | ntatctctntn | cctntntancn | cctnctntcc | tctncaanacc | canccttactc | 1380 |
| tcttantnnc | acnctntnnc | tcnccnncn | tntnatecna | acnccnncta | ntnctatcca | 1440 |
| ncnctccgta | tanctccent | nnccnncngc | cncnccenta | ctnctctcan | ntgnnccent | 1500 |

ntnncatntc netntcnmnc caccctcten cnnegncent tnntnanncc neet

1554

<210> 4717

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 4717

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|-----|
| tttacatata | gctcttgttc | tttttgcagg | atccctcgat | tcgaattcgg | cacgaggtct | 60 |
| ctgcaaaaga | cccctccgac | ccgagtgttc | gtggaactgg | ttccctgggc | tgaccggagc | 120 |
| cgggagaaca | acctggcctc | agggagagag | acgctaccgg | gcttacgcca | ccccctctcc | 180 |
| tcaacacaag | cccaaactgc | taccgcgag | gtgcaagtaa | gcggcacctc | agaagtgtct | 240 |
| gcgggcccctg | accgggcgca | ggtgggtggtg | cagtgcagcag | caccaaggag | gcggcagccg | 300 |
| aggccaaaaa | gagcgtttgt | cgccgtctag | attacatcac | gcagagcctc | cagcagcagg | 360 |
| gcgtgcaggc | agaaaatata | actgtgacaa | aggatttttag | gagagtggaa | aatgcttatc | 420 |
| acatggaagc | agaggtctgc | attacattta | ctgaatttgg | aaaaatgcaa | aatatttgtta | 480 |
| actttcttgt | tgaaaagcta | gatagctctg | ttgtcatcag | cccaccccag | ttctatcata | 540 |
| ctccaggttc | tgttgagaat | cttcacggca | agcctgtctt | gttgctgttg | anaatgcgtg | 600 |
| gcgcaaactc | aagaagtctg | taccttgtgg | ccaaacctta | ngaaaacctt | tctaatacaa | 660 |
| gaagaagaac | aaaagaatgg | gaaggccaat | agatgatcac | cagtcatcca | gactctnaag | 720 |
| ttcattactg | tccacaaaaa | atcaaaagtg | cacaatactt | ctg | | 763 |

<210> 4718

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (953)

<223> n = A,T,C or G

<400> 4718

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| nggtncaccg | naacaacgnn | gaatccccca | annncnegan | acagaaaggc | aggggtgngg | 60 |
| ccngagagcc | gnncncacng | ggcacancag | cgacctttta | ggcnttnctg | cactgnncgn | 120 |
| cccactgccg | naannggcac | tnccccacgn | acgagnntgc | aacgagacat | ccgtacgtgc | 180 |
| tggaacaact | tgagagagaag | ccgtatncac | nncacangat | aaaancgcca | tggaaccacga | 240 |
| gtgccnnngg | cactaccgan | gagccgcctc | cnggaancnt | tnccaagngn | gagcgccna | 300 |
| ccgacngtnn | gcngatcaga | nacnggagag | gnggagngag | aagactccng | cngcncgggc | 360 |
| ccccctgggg | agcccccgnt | ccagggctcg | cnccaggacc | ngcngcacia | gangactagc | 420 |
| tngcagcnac | cngcnttccc | cagtccannc | tgaaaaacta | caaaatnaaa | ngcgggaaaa | 480 |
| gcnctgtann | gagaanggnc | ntccncgcan | ctccnaggag | gnaaggcngg | agannncccc | 540 |
| gctcgnaaan | gnangnagca | agggaaancc | ccangggncg | ggcccncnag | aaggccccnc | 600 |
| ccnncaanaa | agaangccac | aacaanccaa | gangcnagca | cgggcnnngcc | cngcanaaaaa | 660 |
| ccccccnnac | acnggaaana | cncccgcgna | nannngcaann | aacngnatac | nggaaangca | 720 |
| nagngcncnc | ananaacaag | cgcncncccn | nacnagggnn | acacaaaann | ccngagcgcn | 780 |
| cncgagcgcg | nnnanacaca | angcnagcac | agggacacnc | ncagacgnaa | annnggncac | 840 |
| anacncgggn | nagaaccan | cacgaaaccn | acnacncacg | agggagagng | nacnaaanaa | 900 |
| nncgccccca | cgngananna | aanccaacnn | nncgaanacn | nacggannac | gcc | 953 |

<210> 4719

1583

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4719

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|-----|
| ttnantnngt | cattcctgta | ccagctactt | gttctttttg | caggatccca | tcgattcgnn | 60 |
| gatatngnnn | gnctanncaa | agtgggaana | ncttncnggc | tgngaaaaca | ngctntangn | 120 |
| ccnaananc | ngntttacan | gtinnaanact | ntgtnnnnnt | tgagcatggt | nnnnggtctt | 180 |
| angnnngtat | ttnanngtan | ccactttgna | gaggngtatc | tggcaacttt | tcnncttatg | 240 |
| gttcaattag | ntccngnntg | cacantgagn | ntgatnatta | cttgtgagnt | gagctcntgc | 300 |
| gtttttaccga | cttctggctn | ggnactgggt | ccattagcta | tnaanaggcn | tttngtnnca | 360 |
| taannttcng | gtaanntgan | ngatctntna | agatncccct | ttaattcggt | agtantacca | 420 |
| ttacgtagnc | naatttanga | tncnnattcc | cnaatttttna | ncatnnccan | ntgtaanatc | 480 |
| nntgaattan | cagnacnncc | nanngccctn | tnnaggnttg | atttctcgat | atttgactnc | 540 |
| ntctggnnngn | ananannggc | naagaanttn | accattgggt | angnnaaann | agngtgntgt | 600 |
| tagggtnaaa | ntcacctnt | ttttnnacna | atcnntggaa | cantttacna | tcanttnngna | 660 |
| naaaacnnta | nnncttttgc | ccnatgggan | ctntttntta | aancnntnc | ctttttntaa | 720 |
| cnnttttttn | aacccttgga | aaaaattngn | taaataaaat | ntngcccttt | aaanantnt | 780 |
| tcgnaattnn | gaatatctta | anggcccttt | taaaaatatg | gnccccgttt | atggngaaaa | 840 |
| ntnattgcca | gccantncnt | | | | | 860 |

<210> 4720
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4720

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ngtctnttaa | cgngctcttg | tcnngctact | tgttcttttt | gcaggatccc | atcgattcgg | 60 |
| tcaactccat | ctgcagtgtt | caaggcactg | tggttggtcg | ggacgagagc | actgctttct | 120 |
| catggcctgt | gtgtgacatg | tgtggcaacg | ggagattgga | acagaggccg | gaagacagag | 180 |
| gcgccttttc | ctgtggggac | tgtccccggg | tggtcacatc | tcctgttctc | aagaggcacc | 240 |
| tgcaggtctt | cctggactgc | cgctcaagac | cgcagtgcag | agtgaaggtc | aagctgttgc | 300 |
| agcgcagcat | ttcctccctg | ctgaggtttg | ccgccggtga | agatgggagc | tacgaagtga | 360 |
| agagtgtcct | cggaaaggaa | gtgggggtgt | taaattgttt | tgtccagtcc | gtaaccgccc | 420 |
| acccgaccag | ctgcattgga | ttggaggaaa | tcgagcttct | gagtgcagga | ggggcctctg | 480 |
| cagaacacta | gcggttgccg | caggatctgt | gaactttgca | atgtggctgc | aagggtggtg | 540 |
| gtggtggtgg | tgatttgggg | tagttatttg | ttactatgg | cacagtgaac | gtagtttacn | 600 |
| atcttgaaat | gaaacttana | ttttctgggg | aaatgttcan | atcagttntg | tgaactgtaa | 660 |
| atnaaaatac | cttttctaca | gttatctttt | attttctgca | aattangaac | ctnt | 714 |

<210> 4721
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 4721
 tttcnnngttt aaacnccttt aaaaatntgn nacttngatn nagtntaaag tnneccctct 60
 atatattna gtancncctn taaaacatca ggaaaattaa ggnggtctnt ngggggggtg 120
 atnttcnatn ncnantgaat aatgatccaa gnntctant angaannaan gcncatatata 180
 nanntantan tactntttgg nttnnnanct antanantct annntactcn ntanatanta 240
 tcncnangtn ngcatacnat ntnatcnttn nntnntttac tncattatct ctanatattn 300
 nnncttttn ntntancatn cntncnanct ttcnnnctta ttnatantnn ttttaantttt 360
 tcntntcnc tcnennnnca ttnataattn atnnnttnnn nnnntnantt ctntcaatnt 420
 ntcatncctc nnnnctenna nctntntncc tnantnnntn tccantttnc catttantnn 480
 ctannnnntn nctcntntn tntttntnnc tccaanccct ctnttttntt ctcantntt 540
 nttnncttn tnttttattt ntntctcnn ncnctcnnnc tttcnncnn tntctttcna 600
 tantntctnn ccanntctnc atatcttntt nncnccctaa tnttacnctt nccnctncc 660
 cectennanc attttcttcc tcccttanant nntnctttn tntaanata tnnnnmttta 720
 ttttnacttn tttgtttgta ctntctntna cncanantca atnacacatt tctncattn 780
 canatcttcc naantcncctc nnttncact tnatccacna ntctncaatt cctacatnct 840
 ntatnctnac ntcattntn ctcennt 868

<210> 4722
 <211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1612)
 <223> n = A,T,C or G

<400> 4722
 gtnnctcaaa tngcagcac gnanagtnc aagngaagng gcncctctaca tatgagaccc 60
 tnaaacatca ganattagg ggtctnggg gggcctcnc anantcnnnga atactatccg 120
 nggccccttt nngntnann ntagagannt gggnggnntn nncggngntn tntctanenn 180
 attcnncttt catctctac tnggggggn naetnnnnac tctctnacan cctcncnttc 240
 nntcnnnncc tacctccctn tnncnntccc gnactnaaca cncntccna cnttcttnc 300
 actcnatann ccncnacnc tcttacnntn nccaccagct atctcctncc nncnctctct 360
 nnacnnttan natnntnact cncncnctnn cnttctata nctcagcnnn tcnactccgc 420
 cegtcantcn gctacngtcc nncnntctct nnnnangctt cctnnacttc ncnntcanca 480
 caatntnct catctnncca cttntntncc atatctctca nctctnacen ntcnnntca 540
 tcnnnacaaa tntctnctc canatccatc tntnnnnan nnaccattn anntagntcc 600
 nactactntc ccacgtanac ntntctntnt ccncatctc acntnntcta tnatactctn 660
 cncctctcac nctatnanat cnnatancta tctatcact nttacnaann nctcacann 720
 ctntccnntc tctctctann accttcacnn ttcnttctnat attatntact nntnaccana 780
 tancacacna cncctcccnc ntatanntac acntncacnc actanacnan ctncnctca 840
 tactctantn tctcncnntc ttatctcnn ctatcatata ntnacncaag tcnctctctc 900
 atntaccnnn antnctnncc cactacnnt cncctancta cnatacatnc acannnnana 960
 tcanataccn ntctcnatnc nctctctct ctnntntntca cncctanattc nnatatnccn 1020
 ctatnncctt cennntgnc tctactnct nctcncct ctctctcnc tntctnannt 1080
 anctnnntct ntntctctc ctncacngt accnctcnat atcatntntc atnctctntc 1140
 catanatnccg nnacancnta tatctctct ntntncccta nnatncatct nctccnntnc 1200
 nncatctcat annccnntc gtcnacnna ngctctctcn actntccanc tctcnnctc 1260
 genacngact nnatcnat tctctnttn gactcncct antcatncc cctacnacc 1320
 aacaccanna tactnntcnn ntcnctctn aatntcacac acantncann ncacntanc 1380
 ttatctcant tctgtnnacn catcactact cttctcatct acatnntn nnancnnt 1440

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| tncttetaen | ctctenttct | cncntnatna | nncntnacan | gnctctncca | tnctctnccc | 1500 |
| ctcctnctnt | ntnnntcanc | nntcacncna | ccantcannn | ctancecgcat | ctatattatn | 1560 |
| ctcatatcct | ctanacanta | tcctcanatc | tcactnctan | nnatanacnac | ct | 1612 |

<210> 4723

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1503)

<223> n = A,T,C or G

<400> 4723

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| ctaaaattgt | ctncgtaa | nctntnnnt | gtacantagg | aacggcnctg | acatatgaga | 60 |
| cncctaaaca | tnganata | ggngtctngg | gggggcgctt | gentancnt | gnanntgact | 120 |
| naegnneccan | ttgaantaan | nctttaanga | nattanggen | ttttncgcgc | ntctcnctca | 180 |
| ancctnntat | tncantntaa | cannnggggn | gentcntntc | ancatcnanc | ncttntctact | 240 |
| tcctttatnn | cttctnctcn | cttcnnaacta | cttntactnt | nnctntncacc | nnaccancat | 300 |
| tnnantntnc | ancctcctc | ntancntttn | ctnnncncat | centtnncn | ctcancctct | 360 |
| ctaacncnct | annnctcctn | tnnccanac | tcantccttt | nnntnancct | tnctctcctt | 420 |
| ntctatcatt | ctacnctatc | ctctcctaac | nctttttntt | cnnctcacnn | tcntctntaca | 480 |
| ctcnnccanc | nacnnaacca | ccntanncct | ctmncnttcc | tcctntantac | ntntcnatct | 540 |
| tcnnnnccann | tnattctnac | ntantntntc | attnacacnc | tcnnccctann | tatnntntta | 600 |
| tctctancecc | ctcantanat | ntctctcatn | ctcaactntc | tcacctctcc | ctctanatcc | 660 |
| nccntttnta | gnnactcctc | tgtnnctgc | tantattncn | tatacntctc | cnntctntact | 720 |
| ntnttttata | tnnacancctc | ntcnnnctnn | cctcncntnn | acncntnaat | accctcatct | 780 |
| tatatntnnt | ntcncnctnn | tatctntatc | ttananccta | cantnttctnt | cataatcnna | 840 |
| nnncaactctn | tanntgcaca | tnnanactnc | ccnnncanc | tctttatacc | tnntctatac | 900 |
| ntcacnntct | ntnantnact | cnatnactnn | catacactca | natncacctn | ntnnnatntc | 960 |
| nccatatatn | tnntantact | cntctctcna | tattatatat | ntntctntct | ntnccctnctc | 1020 |
| ngnnctctnc | tnntatcanac | tctctatnnc | caccaactat | nnntcnannt | ncnnnctttc | 1080 |
| acnnnnntnac | cantcntttn | nancnctatc | ntctctccta | tcacttnna | tcntaactct | 1140 |
| ctcatatacn | cnantcatnt | cnntntcnac | ntctntntnt | ctcncancct | cttnnctact | 1200 |
| acnnttatct | actcaactca | tnctctctnn | ctctacantc | tcnctntcgt | ntccacntta | 1260 |
| tctnnnnnca | ctatctctnt | cactctnanc | ntaaacctcc | tccttntnca | tnnacantct | 1320 |
| ctatnccatt | tctcaatanc | actcncncac | ncattcctct | ntcncatcta | tctcttnccc | 1380 |
| ancctntctn | tctcannnan | tngttntctt | atcagnactc | ctatatantn | tatctcnatn | 1440 |
| cttnatatca | canncatnnn | cttctcnnac | tcatatntntn | ctntantnta | ctatcttntt | 1500 |
| cct | | | | | | 1503 |

<210> 4724

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1309)

<223> n = A,T,C or G

<400> 4724

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cantggnaan | tnccccgacc | tangactagg | tnnacncncc | angnggggaa | aaaagcccc | 60 |
| caganagnnn | gaggttttga | ggnggggaaa | aaagannncc | ggggggaggg | gggggnnttg | 120 |
| gaaaannngg | anacgggggg | gcacgnnnngc | gngcgcacnc | ntnttttttt | cncnccccgc | 180 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|------|
| ncntttnttt | tecccncc | gcncggagt | nncnngnagn | ggggggnggn | nnnnaganaa | 240 |
| gangggggg | gggaanann | gttggggng | ggggggncna | gagnggggg | gncnggcnga | 300 |
| nannangcnn | gggggggggn | gagcagang | angngncaa | ggggngngng | ggngnggnga | 360 |
| ggnanagcan | gngaggggga | gngngaagag | ngnggagagg | gnagggnagg | ngngngngng | 420 |
| ggnagnancg | ngngaggnag | nanaggggaa | ggngnagnng | ngggggggng | angaggggga | 480 |
| cgnnnnnggn | ngcngagna | gngggggng | ngnnanncna | ngncggngga | ngnaangnna | 540 |
| nggnngngng | cnngcgnnaa | gagngganaa | ngggagngcg | ngggggggcg | gngngancgn | 600 |
| ggnagnang | annnggcn | gagangnga | gngngngng | gcgaanggg | nnnggngng | 660 |
| ggngnggggn | cgagagnggn | ngngngngng | cangtnaaag | gnnnagggna | gaannggnac | 720 |
| acggaccggn | ngnggaganc | gnggacgaaa | nngnnnagac | gngnggacga | ganacgcng | 780 |
| gnanngangn | ngggntggg | annagaggag | cgcgngagaa | cgcnennng | gaganngang | 840 |
| gagngagagn | gnggnacgg | nnnanngcgn | gcaagagaga | gacgagngac | gcggagngng | 900 |
| agagagagag | acngaggaga | gaganannaag | acngacggag | agcacggcg | aggnnnncgc | 960 |
| gacgacagag | aggnaggacg | naganaggng | anncgannga | gagggncnca | ccggaannac | 1020 |
| gnggagacna | cnnagngngc | gaggaacacg | gngcgcgana | ggaggagaac | ncgngangga | 1080 |
| ngacgncgng | nancggngga | cacgnangcg | ngagagannn | agagagggac | gcacgaagnn | 1140 |
| cggaagagcn | ganggggaaga | nnannancga | gngngagaan | cgagngagc | anaagggagg | 1200 |
| angggtcaga | ngagaganag | cacaancgng | agaggnngan | nnaggacgac | ggnggagaga | 1260 |
| gaancangng | ggnagaagnn | cngancagga | agggcgnggg | nagngngcg | | 1309 |

<210> 4725

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4725

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|------|
| aaaaaaaaa | aaaccccn | gggggnnanc | ccctnctaaa | aaaatnnagn | nacctnctgn | 60 |
| naagggcgna | aaacnnnn | ccctcnnanc | aanatnncag | nccccccct | aaaaaccatc | 120 |
| caggggaanaa | ttaaagggg | cgtnccntg | gggggggnnn | nnnnnnnnnn | nnnnnnnncc | 180 |
| cnnnnnnnn | nannnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 240 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | cnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 300 |
| nnnnnnnnnn | cnnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 360 |
| nccccnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 420 |
| nccccnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 480 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 540 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 600 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 660 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 720 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 780 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 840 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 900 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 960 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1020 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1080 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1140 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1200 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1260 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1320 |
| nnnnnnnn | nnnnnnnn | nnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1359 |

<210> 4726

<211> 10
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(10)
<223> n = A,T,C or G

<400> 4726

nnnnnnnnnnnn

10

<210> 4727
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 4727

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| nngctctnch | attnnntgng | gncttgctcg | ntaccncnan | ncngnggna | atcgattggg | 60 |
| cccgaggtng | atnnatgnat | actactcctg | cgcgctcagtt | ctcacttttt | ggggccctgc | 120 |
| eggctggatn | acngtacanc | ctaaannngg | anctnctacc | tgccctctta | cangcagatn | 180 |
| atcanncnng | acaagctagg | ctgcncgcgc | acggcgctgg | agtactgcan | gctcattctg | 240 |
| agtctcgagc | cggatgagga | ccccctctgc | atgctgctgc | tcatacgacc | acctgncctt | 300 |
| gcngnccccg | aactactagt | acctgatccn | cctnttccan | aagtgggagg | ctcatnnnaa | 360 |
| cctgtncag | ctcctaata | gtgccttctn | tggtccactg | gcntatttcc | tgctgagnca | 420 |
| ccagacanac | ctncctgagt | gtgancagag | ctatgccagg | cagaaggcct | ctctcctgat | 480 |
| acagcangcg | ctcaccatgt | tccctgnagt | ccttctgccc | ctgctcgagt | cttgcaagtg | 540 |
| tncgccnnga | cgccagngtt | nacagtcacc | gctncttttg | gacccaatgc | tgaaattaag | 600 |
| ccaaacncct | gcccttgacc | canatggtna | accttggtacc | tttggnagg | tcacactttt | 660 |
| ttnttgga | anaaccnng | gcancnnttg | ancttggtg | gaaggaaaa | cgtccccgan | 720 |
| gatcttcaaa | gcaaatggat | gccggggaac | ccaaaccctg | gnaagcctgg | ggagaaaccc | 780 |
| gggggaaag | | | | | | 789 |

<210> 4728
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 4728

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| nngctctnch | attnnntgng | gncttgctcg | ntaccncnan | ncngnggna | atcgattggg | 60 |
| cccgaggtng | atnnatgnat | actactcctg | cgcgctcagtt | ctcacttttt | ggggccctgc | 120 |
| eggctggatn | acngtacanc | ctaaannngg | anctnctacc | tgccctctta | cangcagatn | 180 |
| atcanncnng | acaagctagg | ctgcncgcgc | acggcgctgg | agtactgcan | gctcattctg | 240 |
| agtctcgagc | cggatgagga | ccccctctgc | atgctgctgc | tcatacgacc | acctgncctt | 300 |
| gcngnccccg | aactactagt | acctgatccn | cctnttccan | aagtgggagg | ctcatnnnaa | 360 |
| cctgtncag | ctcctaata | gtgccttctn | tggtccactg | gcntatttcc | tgctgagnca | 420 |

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ccagacacnac | ctncctgagt | gtgancagag | ctatgccagg | cagaaggeet | ctctcctgat | 480 |
| acagcangcg | ctcaccatgt | tccctgnagt | ccttctgccc | ctgctcgagt | cttgcaagtg | 540 |
| tncggccnga | cgccagngtt | nacagtcacc | gctnctttgg | gacccaatgc | tgaaattaag | 600 |
| ccaaacncct | gcccttgacc | canatggtna | accttggtacc | tttggaagg | tcacactttt | 660 |
| ttnttgga | aanaaccng | gcancnnttg | ancttggtg | gaaggaaaa | cgtccccgan | 720 |
| gatcttcaaa | gcaaatggat | gccggggaac | ccaaaccctg | gnaagcctgg | ggagaaaccc | 780 |
| gggggaaag | | | | | | 789 |

<210> 4729

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1064)

<223> n = A,T,C or G

<400> 4729

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|------|
| cnttactaan | ngnntgctat | cgntctttcc | gnangagccn | agcgattcga | gtggctgagt | 60 |
| ggaggcgccc | agacctgggc | aggcagcagg | ctcaggccca | cacctttgng | atTTTTgaaa | 120 |
| ccaaagccca | gannatgatg | tttacttntc | tctccctggc | tctgcccttc | ttactgcaaa | 180 |
| ccatgctgtg | ccttagggcc | cttctcatag | ntgttcctna | tgcccatgac | tggaacaggg | 240 |
| atgcaacctn | ttntacaca | agcacagant | agnntgngtg | aagnntnttt | ntnactccgt | 300 |
| ttacaccngt | nnttcnnttc | tanntgccna | nancttcac | caatcngntc | annnnnnntnn | 360 |
| ctcactcnna | ccanccatc | cnannnnntcn | nnnnnaacnn | nanttcnctn | ctntacntnc | 420 |
| cctaacncat | caatnnnttt | nntnnnnnatt | annntctctn | antatattna | ctcnatatcc | 480 |
| tcncactntt | tcatactenc | nattactctt | nnncntacn | ctcatcacat | acncnttaat | 540 |
| nnnnccnntn | ctntatacna | ncatnttctt | nncantctac | ancgactatn | atagtcntct | 600 |
| atcnnctnnn | aagnctntnt | naatnnntntc | tctganacnc | ctcttacgtg | ntcttactnt | 660 |
| acntcaatnt | ngctcatcat | cactctcnaa | cggataactt | catttnngtg | tatatatccc | 720 |
| ncatctnctn | tcancactcn | tctctctact | ntatntcnca | cttnccgncac | ncacgatata | 780 |
| nnatctncta | cactcanaat | cacnnnttat | natcntttta | tanctennan | tntaacngtc | 840 |
| ntntctnna | tcntnctntt | tcganatctc | nncaentntc | tnntatnct | tnttcttctnt | 900 |
| ctntaatatc | nantcatctt | agtctcnnna | nccaanatnt | nancntncac | tctntctacn | 960 |
| ttntctnctn | nnnacacttc | tactatctcn | aatatatate | ttntntancat | annacnncac | 1020 |
| ctanatnnt | cctctaant | aacttcatct | nctntntact | annt | | 1064 |

<210> 4730

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (915)

<223> n = A,T,C or G

<400> 4730

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|-----|
| atnnanancn | tanaanctaa | acnattnnnn | tatantnanc | ntnnnnncnt | tttnncnata | 60 |
| ctnnnnntntc | cnnnnnntttt | ttaagcnttc | taaatgcttg | gcaatcgccn | cctantanng | 120 |
| gcntggngat | ncgcncacgn | acctgctata | gttnngnnac | nnaccacacc | cttncannaa | 180 |
| atcttaacaa | gggggngggg | ataaaanaaa | aacntccaca | attaccttaa | aagggaactct | 240 |
| tatgntttca | actacanata | gttgtaaagg | atcatacaca | anatattgat | gatanttgaa | 300 |
| atattcttag | aaggggtgtg | tntgtctanc | tgngtctacc | atgngtantg | tattcntgac | 360 |
| aagcactnta | aaatacctgn | tnatnnnttct | atacattacg | nataatngcc | ataangantt | 420 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| aanctncata | tatntcatca | nccctaattg | aatcannnnn | aaatattttt | attgcccata | 480 |
| anatctaatt | tcactttatac | tateccnana | atagtaanac | nactacagct | nnttaacnna | 540 |
| tntaaacctt | tnnnanntnn | cacaatatna | tacgnnannc | canttatena | ttangnnntn | 600 |
| naanaancan | aantncaann | atttccnna | cnaaatcaca | attttctnnc | naancaaata | 660 |
| ntncattccn | accnncnna | ccncagaaaa | tnnncacctc | ctatcaatat | ancaatntat | 720 |
| tnanaccang | nnnncnna | ncaatgtttt | ctcancattn | nncttntant | ctatntactn | 780 |
| cnttccntta | acanatatnt | tcanaantcc | anattncatt | tcacttntac | tacaccnnaa | 840 |
| caanacntca | aaatanaagt | ncanatacan | ccnaantccc | ncatntanna | ctntannacn | 900 |
| cantattncc | ntnnc | | | | | 915 |

<210> 4731

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1479)

<223> n = A,T,C or G

<400> 4731

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| agcctcttaa | actncaantt | ntaacttcnn | nangcnaaac | gncnctctat | atategcngt | 60 |
| ancnccctaa | aacatcatga | nattatgggg | gtcttttngg | ggngcnnac | taccatctat | 120 |
| catenctenc | nnntacnang | accccttnta | cnactactnt | cnetcttnat | gannngctcc | 180 |
| gtctnnnnnn | ctcnntannn | ttatctacnn | ctctcttctc | ncctctcat | nnctnnnnaa | 240 |
| ncattccctn | cctcatatcn | actccctctc | aattcancca | tctatatntc | tnanactntc | 300 |
| ancattacgn | tattntacna | cacactctcg | naacncgctc | tnnagatnn | tctctcacta | 360 |
| cncnntanca | tnnnctcatca | tcanncnata | ntcttcanac | agnncccttc | ctctccngca | 420 |
| tctccttcc | ctcatnctnn | cnnattnnnn | nncttccctac | tcactnntcc | ctntcnacc | 480 |
| nnanctnanc | cncctnatn | ntcnccccc | tgccntnnta | ctccctnccc | cnttccatccc | 540 |
| cntntccnac | ttntncaann | nnctnnccct | actnnatctc | ntctntatcn | ccccattatn | 600 |
| ctnnnnnncc | tangacnann | nnctntcaat | tttcccccatn | ncnccnnnt | tnnccgctnnn | 660 |
| ctttcngcnt | ctcncttac | ccnttntnct | annctcctt | nanctcncc | cncctcttt | 720 |
| ncantcganc | nacncccc | tcnactnatc | ntannnnctt | cnnnnnnnn | ntatcantcn | 780 |
| cctccnact | catccatcta | cnnccacnca | ctctanactn | tnnccactnc | ctccactctc | 840 |
| tctctancc | tcnctctcan | ntnatccctc | tctctntctc | attannantn | antccctntt | 900 |
| tnaaatccnt | cacncatact | naccatcttc | nccaaactntn | tctnnntcc | nattncatnt | 960 |
| cctcccttaa | nnanncaat | ctctctnntt | cactcacanc | tnnacactcc | attctcnnta | 1020 |
| nnctctcnac | anncaactcan | cttccnactca | tanactcaca | ctancnntt | tnnnctcttac | 1080 |
| antccnacnc | ntanatttct | ctccnnntnn | atcacanaac | cacatctatc | tactatctta | 1140 |
| tcactccntn | tctcagctnt | ctctctcacc | ntntatnctn | aactctatat | cactcaancc | 1200 |
| atactctnat | canatcttgc | tcnccctat | atnctctctc | ncaccctact | cnetccctaca | 1260 |
| tgtenacatc | ttccntcnct | ntataccacn | canttactna | ctnnccnccan | actcngccnt | 1320 |
| acnctactac | actgcantct | ctatctctntc | ntctcgacacn | cnetctctngc | nccccactct | 1380 |
| cntcttntct | cnnnctcnac | tctctctntc | nantcnactc | tcccnccat | ctatatntat | 1440 |
| tctctctct | atctccnctc | ccctccctact | canaccccg | | | 1479 |

<210> 4732

<211> 1764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1764)

<223> n = A,T,C or G

<400> 4732

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|------|
| cnaccctnca | aaaaattcat | ataccanaca | nntnaggcct | cttggnanng | gcnncccttcn | 60 |
| naacatnaat | tgcnagtacc | cnccttnaaa | aaaccatcat | gnaaaataat | gggggngtct | 120 |
| tttngggggg | gnggnacnna | antcaantca | ancccatnaa | accacnaant | tcncgnaccc | 180 |
| cttaaaccgt | naananatnc | actancanan | natnnectaa | gtnanenttc | ctgnnnctnc | 240 |
| ncnnacaacc | taccctctan | tnntcccttc | ctattnnntn | cntnctccca | cnancnnncn | 300 |
| cncntectcn | ctacatntn | ttccanataa | cncctcacnn | ncctacnnc | cncacatct | 360 |
| ntanaacccc | ancacnctc | cccacctnca | nncatcnac | ctactcnact | nnacantecn | 420 |
| ccnctttct | cnnctennnt | anttcactac | ctcttnnact | accccaanat | ctacntcccc | 480 |
| ctctctccac | ncacanttac | netctcanca | actnccanca | atnccncnc | atanacacct | 540 |
| naccncnccn | tnntctcccc | ntaaccaaat | nacctccctc | nattcatnan | tnatnnnnac | 600 |
| cnnctatccc | accncantan | acntcccacc | nnactaactc | caccacctcc | cactactntc | 660 |
| tctcctaate | nacnctancn | cntccaccan | ntcancctcn | ctcancctcn | nacaccnntn | 720 |
| ntacnatcca | tnnctcnana | ccntctnntc | canacccctn | ctntcaatca | ctnctacata | 780 |
| tncccatcnc | tatatantnt | netctctcat | ctcnatecaa | tcctcncnc | atacancctc | 840 |
| ntacatctct | cncnctcate | actnantctn | ctcncctnac | tnntntcaen | cnacactnac | 900 |
| ntntcacnna | ctatecnaca | ccatacatte | tnctccannn | ctaataacca | catctntaac | 960 |
| tacnnccaca | cncancnnc | cnaaccccat | acnctcctnc | acncnctcat | nnaccaactc | 1020 |
| cncnncttan | catcncncna | cactacacaa | ccatcaanna | nnntcctctc | atannacacc | 1080 |
| tnntntncac | cacntcnntn | tcactacact | cactataann | ctctntncan | ntctancata | 1140 |
| cctctnnact | ntcnaccact | ctccctcact | cactctccac | natcacntct | ctcacactca | 1200 |
| tatcatccnc | tactctacnc | nttaacnctc | ttatcancat | acatntcatc | acttcnaacn | 1260 |
| cntctntcnc | ancanctanc | atactcncct | nntnctcnc | actctctatc | cntacancctc | 1320 |
| aatccaattc | ccactncnct | catncatntc | ncctcacnan | ctcacctcat | tnactcact | 1380 |
| ataannccctc | acctcaccen | acactcccct | tantcccnnc | tctcctactc | acactctcac | 1440 |
| tcactctcnc | ctcnacatcc | tcancnnttc | ncancacacn | ctatcnnncn | tatatntcnc | 1500 |
| taatcatcnc | ctntcacana | ctnctntcnc | actacacnca | ccctnctcan | ctnctnntnt | 1560 |
| ccctctctac | ttctctntcc | ancacatctc | tctcactana | cacncatntc | cntccatcan | 1620 |
| ancanatcan | anacncctat | acacnntnca | tactctntnt | atcaatatcc | cctntcaaac | 1680 |
| tcnctcttct | tannactacn | ctatcactnt | cncctctcaac | tnctactata | tctcactcan | 1740 |
| tctcnnacnc | tacantntcn | nent | | | | 1764 |

<210> 4733

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (953)

<223> n = A, T, C or G

<400> 4733

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| nggtncaccg | naacaacggn | gaatccccca | annncncgan | acagaaaggc | aggggtgngg | 60 |
| ccngagagcc | gngcncacng | ggcacancag | cgacctttta | ggcnttnctg | cactgncnng | 120 |
| cccactgccg | naannggcac | tnccccacgn | acgagnttgc | aacgagacat | ccgtacgtgc | 180 |
| tggacaacct | tggagagaag | ccgtatncac | nncacangat | aaaancgcca | tggaccacga | 240 |
| gtgccnnngg | cactaccgan | gagccgcctc | cnggaancnt | tnccaagnng | gagcgcccna | 300 |
| ccgacngtnn | gcngatcaga | nacnggagag | gnggagngag | aagactccng | cngcncgggc | 360 |
| ccccctgggg | agcccccgnt | ccagggctcg | cncagggacc | ngcngcacia | gangactagc | 420 |
| tngcagcnac | cngcnttccc | cagtccannc | tgaaaaacta | caaatnaaaa | ngcgggaaaa | 480 |
| gcnctgtann | gagaanggnc | ntccncgcan | ctccnaggag | gnaaggcngg | agannncccc | 540 |
| gctcgnaaan | gnangnagca | agggaaancc | ccangggngc | ggcccnncag | aaggccccnc | 600 |
| ccnncaanaa | agaangccac | aacaanccaa | gangcnagca | cgggcnnngc | cngcanaaaaa | 660 |
| ccccccnnac | acnggaaana | cncccgcgna | nanngcaann | aacngnatat | nggaaangca | 720 |
| nagngcncnc | ananaacaag | cgcncncccn | nacnagggnn | acacaaaann | ccngagcgcn | 780 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cncgagcgcg | nnnanacaca | angcnagcac | agggacacnc | ncagacgnaa | annnggncac | 840 |
| anacncgggn | nagaacccan | cacgaaaccn | acnacncacg | agggagagng | nacnaaanaa | 900 |
| nncgccccca | cgngananna | aanccaacnn | nncgaanacn | nacggannac | gcc | 953 |

<210> 4734

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 4734

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| gtanctnatt | nttttgatgg | nctaaatngc | cctaaatagg | nnngngtngg | ggncatacnn | 60 |
| cancnangtn | cnnaaatact | nnngntacan | anctatggtc | ancaacatct | nactnnaaac | 120 |
| ccttatgnta | aaaanaaacn | ncttgccctc | agccttcaag | cnattatata | ngctctcatc | 180 |
| cctncngnnt | acgncgnnan | tatatgtnc | ntnccaccac | nanccagtta | atnctnaagt | 240 |
| atcnanatac | taccagcatg | ggtantcaca | anctgntncn | ccagenatnc | tnaatntctc | 300 |
| ngngacctcc | ngancennnc | nentnnnnct | nnnanngngc | ngncattaca | nncentnanc | 360 |
| cactgttncc | ngacctcaac | nntcttacca | anaatgtnt | nccnntgnat | gnanttttac | 420 |
| atggcnataa | cactattgcn | tttncaannt | cccnnacctc | ttcnntance | aananttnnn | 480 |
| ntnncngtc | ncanantgt | cncctcattn | nnannnctcn | tgtnacnnnn | tcnnntact | 540 |
| anntagcact | atnattatac | ngtnnatctn | tacanannct | ncatnnctan | atnttacn | 600 |
| anattccctc | tttngctcac | ttnncatata | cttctcanen | nactctcgcc | gangtctctc | 660 |
| gmnatatecn | antanctnat | ntntgnnnna | gcacatatan | tgctacteta | naaantcnat | 720 |
| gagtaggaat | actnnnnctt | cannctcana | aacactctat | ntncacatct | nncacacacn | 780 |
| nntagtgcac | atanantcct | cnngangatc | naantctcct | nnanctcgnc | tcnntcgtnn | 840 |
| ctncanacgc | nntcaetnga | ttctntnnnt | annnacaan | acnatacngc | anaatnacat | 900 |
| ncnatanann | ctntntcacg | nnncatcgta | tntctnann | tnntnecgnc | nnctnctn | 960 |
| tgctacacat | ntatancatn | tnntnatcan | tctatncaga | ncantnttnc | atcaaanacn | 1020 |
| ntnctncag | cngtnannca | cctnct | | | | 1046 |

<210> 4735

<211> 1337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1337)

<223> n = A,T,C or G

<400> 4735

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| cccnnaaaaa | aatttnnaanc | cccccgncgt | taaaaaaancc | ctcttaaaaa | aaatttggnn | 60 |
| gectnctgna | ggggggcna | aacnnnnccc | ccctcnancc | annatnnnng | nnccccccn | 120 |
| ctaaaaacca | tccaggaac | aatnatggg | gectncntt | ngggggggncc | cnnnnnnnnn | 180 |
| nnnnnnnncc | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 240 |
| cncncnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 300 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 360 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 420 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 480 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 540 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 600 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 660 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 720 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 780 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 840 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 900 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 960 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 1020 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 1080 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 1140 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 1200 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 1260 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 1320 |
| ccccccnnnn | cncccccccc | cncccccccc | cncccccccc | cncccccccc | cncccccccc | 1337 |

<210> 4736

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1312)

<223> n = A,T,C or G

<400> 4736

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|------|
| ccctnaaaaa | aaatttgng | gncccneggg | ggggnnnnnn | nncccttta | aaaaaatatg | 60 |
| gaggcctctg | nngggggagna | aacnnncncc | ctcnnancat | atncaggacc | tcctcnaaaa | 120 |
| catcaggana | aaanggggggt | ctggggggggg | gnccnnnnna | nnccnnncnn | acnccngcna | 180 |
| nnccctnaanc | cnnnananac | tnnnnnnnnc | nnccnnnnnn | nnccnnncan | nccnnncnnc | 240 |
| gnccnnnnna | cncccccnnn | cccaaccnnc | nncccccnn | cncccccnnn | nnccnancct | 300 |
| cnccnnnnnn | ncctccnnnc | ancnnnnnc | ncnancnnc | cccccannn | nacnnnnccn | 360 |
| cccnccccc | ncnccnccc | cancancnn | ccccccaccn | ncnccccc | ccnccancnn | 420 |
| caccncccn | ncnccnccn | cncaccncc | ccacnnnnnn | cnccnccncc | nccnnncnnc | 480 |
| cccccnnnnn | nncccnccn | nnccctacnn | cnccnnnnnn | nnccnnnnnn | ncnancnnc | 540 |
| cnacnaanna | ncnancnnc | ncccannnnn | ncaacanacn | nnccnnnnnn | ncnccnncnn | 600 |
| ncnncnann | nnccnancnn | nnnnnnnc | nnccnnnnnn | acnccnncc | ncnncnann | 660 |
| nnnnnnnnnc | nnannncnnc | ncntncnnc | nnccnnnnnn | ncnccnnnnn | cnccnnnnnn | 720 |
| nacnnnnnc | cnccnnnnnc | ncnccnnc | ccnccnnc | ncnccnnc | nnnnnnnnnn | 780 |
| cnccnnnc | nnccnnnnnn | nnccnncn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 840 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 900 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 960 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 1020 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 1080 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 1140 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 1200 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 1260 |
| cnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | nnccnnnnnn | 1312 |

<210> 4737

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 4737

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gtnttttatnc | cngnnctctt | gttctttttg | caggatccct | cgnttcgaat | tcggcacgag | 60 |
| gnactagget | cgcgnntgt | ntntttntn | tntntgat | tacnccatag | gtttngggtn | 120 |
| acnatnaatg | tttgcattn | tnttnaaagc | ntagctctta | ctaancattc | tttaacaaaa | 180 |
| gctaataatc | nnnanatnat | ttgccatacc | gaaactatct | ncncaaanaa | nactttann | 240 |
| cantatnnna | agctnaagan | ttaganaaan | tacaaaacac | tgctatgagt | caatngaact | 300 |
| gctatcattg | aatttgctgc | atttanaatg | acataaacat | actgaacatc | aaaacaatgg | 360 |
| natggattta | ttctatanga | ctagccttaa | gaatgacata | canttngega | nttcctttaa | 420 |
| aaatnatntt | ttacnacaga | ntccatttga | acnaagggtc | tttttttccc | ctcatttnan | 480 |
| gggaagacnn | tcnatgttcc | ccaaacnnat | ccctccttca | tactananta | gcaaactgtg | 540 |
| gcctcnatct | ccnnttccag | atgctactta | tanatnactt | ttgcataata | acttaaatta | 600 |
| gaattacttt | ncttggnaac | agtgtcacgg | ccataaaatn | antccanttt | taaaaaaaca | 660 |
| nacttcaagn | gcaaattnta | gaaaacttcc | tttaaagaan | taccnaaccc | agccc | 715 |

<210> 4738

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4738

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| nctaagtctg | gctacttggt | ctttttgcag | gatcccatcg | attcgaattc | ggcacgaggg | 60 |
| ccgctttccc | tctggaccac | ctcccgtgc | gtttccctact | cagagaaaca | gcaagggcgg | 120 |
| ggtcaagaca | cgggatgacg | ggaagcagga | agcggggcag | cagcacagcg | tggggctctg | 180 |
| gcaactgcagg | ccaggccagg | atgccacccc | cgcctctac | acggccctt | ggggcctgcg | 240 |
| cccgtaaac | tggtgccagg | gagcactgcc | agcttgccag | tttctgcccc | gcaaaagcac | 300 |
| gtatgcttca | ggggccttct | gagaccacct | tccccactga | gccccagctg | ctgagaaggc | 360 |
| cttgagggaa | gtagaggctg | ggagcaaatg | ccccatgcgg | tgagaggatg | aggggagcct | 420 |
| acgcctcagg | catgtggtga | gaggatgagg | gggagggagc | ccacgcctca | ggtggagtgg | 480 |
| gcagaggtgc | aagagagggg | tgtactgaag | cttcttcccc | tcctgccaca | gacatttctc | 540 |
| ctgccttccc | accctgaccc | ggcagaaccc | accaagtgcc | tgtgtgcagc | ctcctgtgcc | 600 |
| tcaccagggg | cctgacccca | gagtgggtccc | aacaaccggg | tctcatgccc | actccccatc | 660 |
| cctgcttncc | aaaaattgca | ctgtgtgcag | tttgcaacaa | agaatn | | 706 |

<210> 4739

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4739

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| nctaagtctg | gctacttggt | ctttttgcag | gatcccatcg | attcgaattc | ggcacgaggg | 60 |
| ccgctttccc | tctggaccac | ctcccgtgc | gtttccctact | cagagaaaca | gcaagggcgg | 120 |
| ggtcaagaca | cgggatgacg | ggaagcagga | agcggggcag | cagcacagcg | tggggctctg | 180 |
| gcaactgcagg | ccaggccagg | atgccacccc | cgcctctac | acggccctt | ggggcctgcg | 240 |
| cccgtaaac | tggtgccagg | gagcactgcc | agcttgccag | tttctgcccc | gcaaaagcac | 300 |
| gtatgcttca | ggggccttct | gagaccacct | tccccactga | gccccagctg | ctgagaaggc | 360 |
| cttgagggaa | gtagaggctg | ggagcaaatg | ccccatgcgg | tgagaggatg | aggggagcct | 420 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| acgcctcagg | catgtggtga | gaggatgagg | gggagggagc | ccacgcctca | ggtggagtgg | 480 |
| gcagaggtgc | aagagagggg | tgtactgaag | cttcttcccg | tcctgccaca | gacacttctc | 540 |
| ctgccttccc | accctgaccc | ggcagaaccc | accaagtgcc | tgtgtgcagc | ctcctgtgcc | 600 |
| tcacccaggg | cctgacccca | gagtgggtccc | aacaacccgg | tctcatgccc | actccccatc | 660 |
| cctgcttncc | aaaaattgca | ctgtgtgcag | tttgcaacaa | agaatn | | 706 |

<210> 4740

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A, T, C or G

<400> 4740

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|------|
| cgggnttttaa | aactnctaaa | tanntgngct | tccantaggn | gaaaacgtgc | acccttaaan | 60 |
| atatttnagn | ccnncctnna | aaanatcagg | gaaattatgg | gggtcntttt | gggggggnntc | 120 |
| tcagctntan | tctnananta | tntatanann | ncnncnnann | nntacanaag | ctcaatatgn | 180 |
| natactncnt | nttcacgtna | ntatnacnca | tantnncnat | actacttcat | cntcnacaan | 240 |
| ntccgcantn | ncnanattat | tntnttcttc | ataatatcca | ntatnntctn | cattaatcan | 300 |
| ttcncatact | tttactnate | ncttntcttc | ntctataact | ntccatncta | ntctactnnc | 360 |
| ccttcctnnn | aaatntantn | ntnantncct | caatacannc | cnntcatcct | tannnnnnnt | 420 |
| ccnccatanac | antnancttt | actnccnenc | acctttcnnc | aataattcct | anacntnana | 480 |
| cnctnnnnnt | natncatana | tcacntcntn | anccttnann | atcntaccac | nnannncttn | 540 |
| tactnctnan | acnttatntn | natcttnctc | natatacttc | nacanatttc | tcnttanttt | 600 |
| tatcnanact | attcanenta | ctnatnatnt | tcctattctc | actnaanana | tntntnncnt | 660 |
| caatntcata | tntctctctn | tntctctnnt | ctcntactan | tntnccatcat | ncctnatcta | 720 |
| acatntctct | cntanannca | ctcatnncct | tattatnata | nactntattn | ttntctaatac | 780 |
| tntantnctn | ctctatctnt | ntcactncnn | atcttnanct | ntatatncta | tatcatctac | 840 |
| tctcnccant | accntcctna | acnntatcta | ttanncacac | atcatctntt | ctanactntc | 900 |
| tctattntan | cntaatcntc | ncnccatanac | tngtttntat | cnctnnctnc | tcantcnctc | 960 |
| nnccanactat | actntatngc | tnntanctac | taatactctc | tatectncnc | tnnanatnta | 1020 |
| acagtcactc | tnatatanta | tnntnttaca | ctcanatcac | ctctcnctta | nantntcaca | 1080 |
| cacatnttat | ntataatatn | tcacatcac | aagcatntac | nctntacaca | catnntantc | 1140 |
| tcatactcan | ctctanntca | cttcacnnat | gactctcagt | nctaccanct | ncctcaattc | 1200 |
| aatcatncgn | canctntnta | tcacttenta | attatatatn | tcttaagtc | nanatgtnac | 1260 |
| taantgacta | tntnaatctn | tcantntcta | acntccatat | cacatntcta | ctatcaatat | 1320 |
| atacttanaa | tctcaagtct | ctanatcccc | tcaacaccta | cgntnctact | atatatcatn | 1380 |
| ttnacntaca | nnntctata | tnntcacac | tatatntana | nnnttanntac | nctgntntat | 1440 |
| nnanat | | | | | | 1446 |

<210> 4741

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A, T, C or G

<400> 4741

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| cgggnttttaa | aactnctaaa | tanntgngct | tccantaggn | gaaaacgtgc | acccttaaan | 60 |
| atatttnagn | ccnncctnna | aaanatcagg | gaaattatgg | gggtcntttt | gggggggnntc | 120 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| tcagctntan | tcttananta | tntatanann | ncnnncnnann | ntacanaag | ctcaatatgn | 180 |
| natactncnt | nttcacgtna | ntatnacnca | tantnnchnat | actacttcat | cntcnacaa | 240 |
| ntccgcantn | ncnanattat | tntntttctc | ataatatcca | ntatnntctn | cattaatcan | 300 |
| ttcncatact | tttactnate | ncttntctct | ntctataact | ntccatncta | ntctactnnc | 360 |
| ccttcctnnn | aaatntantn | ntnantncct | caatacannc | cnntcatcct | tannnnnnnt | 420 |
| ccncatanac | antnancttt | actncncnc | acctttcenn | aataattctt | anacntnana | 480 |
| cnctnnnnmt | natncatana | tcacntctnt | anccttnann | atcntaccac | nnannncttn | 540 |
| tactnctnan | acnttatntt | natcttntct | natatacttc | nacanatttc | tenttanttt | 600 |
| tatcnanact | attcancnta | ctnatnatnt | tcctattctc | actnaanana | tntntnnent | 660 |
| caatntcata | tntctctctn | tntctcttnt | ctcntactan | tntncatcat | ncctnatcta | 720 |
| acatntctct | cntanannca | ctcatnnctt | tattatnata | nactntattt | ttntaataac | 780 |
| tntantcnat | ctctatctnt | ntcactncnn | atcttnanct | ntatatncta | tatcatctac | 840 |
| tctcncant | accntcctna | acnntatcta | ttanncacac | atcatctntt | ctanactntc | 900 |
| tctattntan | cntaatctnc | ncncatanac | tngtttntat | cnctnnctnc | tcantcctc | 960 |
| nncanactat | actntatngc | tnntanctac | taataactctc | tatcctncnc | tnnanatnta | 1020 |
| acagtcactc | tnatatanta | tnntnttaca | ctcanatcac | ctctcnetta | nantntcaca | 1080 |
| cacatnttat | ntataatatn | tccatatcac | aagcatntac | ncntacaca | catnntantc | 1140 |
| tcatactcan | ctctanntca | cttcacnnat | gactctcagt | ncctaccant | ncctcaattc | 1200 |
| aatcatncgn | cantntnta | tcacttonta | attatatatn | tcttaagtcc | nanatgtnac | 1260 |
| taantgacta | tntnaatctn | tcatnttcta | acntccatat | cacatntcta | ctatcaatat | 1320 |
| atacttanaa | tctcaagtct | ctanateccc | tcaacaccta | cgntnctact | atatatcatn | 1380 |
| ttnacntaca | nnntctata | tnntcacaac | tatatntana | ntttanntac | ncgtntntat | 1440 |
| nnanat | | | | | | 1446 |

<210> 4742

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4742

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tngtaccaat | tatctgctgg | ctanntagcc | taaanagntt | ggtcngggcg | aattcggcac | 60 |
| gagggnaaag | cagnaagtaa | tgagcttgtc | cgtcagctgg | tagctttcat | tcgtnaaaga | 120 |
| gataaaagag | tgaggcgca | tcgaaaactt | gtggaagaac | agaatgcaga | gaaggcgagg | 180 |
| aaagccgaan | agatgaggcg | gcagcagaag | ctaaagcagg | ccaaactggt | ggagcagtag | 240 |
| agagaacaga | gctggatgac | tatggccaat | ttggagaaag | agctccagga | gatggaggca | 300 |
| cggtagcaga | aggagtgttg | agatggatcg | gatgaaaatg | aaatggaaga | acatgaactc | 360 |
| aaagatgagg | aggatggtaa | agacagtgat | gaggecnagg | acgctgagct | ctatgatgac | 420 |
| ctttactgtc | cancatgtga | caaatcnttc | aagacanaaa | atggccatga | agaatcacga | 480 |
| gaagtanaan | aagcatcggt | aaatggtggc | cttgctaaaa | caacagctng | angangaacg | 540 |
| aagaaaattt | ttcaagacct | caaattgatt | gaaaatccat | tagatgacaa | ttcttgagga | 600 |
| agaaatgnga | aagatgcacc | aaaaacaana | agctttctac | acantnaaat | ccnannaact | 660 |
| ccatcctct | anaactatnn | gtgagtcctt | nttacntcna | tccagacatg | antancnata | 720 |
| cnattgatgg | aacc | | | | | 734 |

<210> 4743

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1226)

<223> n = A,T,C or G

<400> 4743

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| nnggggttna | cncttctaaa | atnttnnnct | tncnntgngn | caaanggggg | cccctctnan | 60 |
| natnttcaga | nccncctnaa | aaanatccag | ggaanatttt | ggggggtctt | tttgggggnc | 120 |
| tcctttatna | ncnatccann | natatncatn | nttcnctcta | natgctnann | ncanatatat | 180 |
| tcaagatctt | cnctcncnt | canctnntct | catanntact | taactnataa | tatcatatta | 240 |
| cactcntagt | cttntacca | canccttnnc | tcattttaatn | acncctaant | cactctattn | 300 |
| tncntcatn | tanattnnat | catcatnca | tcttntttnt | nttatctcta | ntanancat | 360 |
| cntatatttc | tactcaanaa | ttatcnnnn | mntantcana | tcaccnctca | taatnttntn | 420 |
| nnnnnnntnc | cctaanacct | ntactantnc | antctnanntn | cnctnnnnn | nttccntnc | 480 |
| tctnnttnt | mntantcant | ntcnncnnn | tcnnnttnt | ntnntanac | anccatntc | 540 |
| ttgcnnattt | cnaccnntn | catatccan | cctntanant | tacatcnct | nttctactnn | 600 |
| nctnctntnt | nctnnantn | cttancatat | atntantnt | ntnnanant | atattannnt | 660 |
| tcctntntat | atntcttact | attcctntc | cnatattcan | ttctatnacn | tcanntactc | 720 |
| anntnnctta | tgntttatcc | tcttatctct | atctntcnca | naantctcta | cactnnnnnn | 780 |
| nttatctatc | ntctancact | cttactctat | atctntntat | ttatcactca | ttccacnctn | 840 |
| tcctcttntc | tcnatcttat | ncactatcta | cctatatata | tcntattntn | cttataccnc | 900 |
| ctatattctn | taatcattca | tanntaccaa | cntacatcat | tcncaccttn | tatacctcat | 960 |
| natctatnct | attctactct | acatacanct | catagtcant | antctatctc | anctcctcan | 1020 |
| catctcactc | nnnatctaac | ntncantnta | tctatctctc | cnatctatat | tctacnctat | 1080 |
| acnacactac | nctctcttna | tnnnctctnt | atntcnntct | tantattntc | tctanntcen | 1140 |
| tatntatnct | catcnacan | atatccatnn | ttgcncnacn | cnannatctn | cnctctctct | 1200 |
| nttatctana | ctgntctntc | tacanc | | | | 1226 |

<210> 4744

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 4744

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gnnnnnngagn | gggggnnttt | nnnnnnnaccg | aagaacnct | ggaaaccccn | ttgaattcaa | 60 |
| aaccatgnnc | acaagctact | tggtctntga | gcaggaaccc | atcgactcgn | aanttnnccg | 120 |
| aggggaggag | gaccacnggc | gcccggncag | ccacacnng | aaatggggga | gcancgcncn | 180 |
| gggnaggggg | gcccancgga | aaatgnggca | gnccgnaagg | anaaanacgc | aagganncag | 240 |
| agcaggccca | acngnggnga | aagggaanag | cannagccgc | annnggggcc | gnaacgccnc | 300 |
| gcacaaaaac | atgcggagca | agagcnccca | tggagaacng | anggggcccc | gcaaagnagc | 360 |
| gctagnncaa | gnnagnacgn | anaacnncn | ngngaangtg | gcngcangag | nacnacagaa | 420 |
| ancgactggg | nacccaaggc | cagccngaca | acnccancna | aanaccganc | tgnnangcng | 480 |
| cagagnanga | actgggatga | aacaaannag | gaaggcggt | ggcgaagagg | ncaactaggc | 540 |
| agcgaacaaa | accnccacca | agnggancaa | ggangccang | gngagacgcc | agacgcntnt | 600 |
| gcccagatca | ggaaacgaaa | gggacnnang | ncgacatcna | nancccnaga | agngaacagg | 660 |
| agnnnacgca | agccccncga | cnanagaagn | gagatgggct | gaacagnnna | nnatgtnatg | 720 |
| ngcagnnnaa | nagagnctc | aacgnaa | | | | 747 |

<210> 4745

<211> 1064

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1064)
 <223> n = A,T,C or G

<400> 4745

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|------|
| cnttactaan | ngnntgctat | cgntctttcc | gnangagccn | agcgattcga | gtggctgagt | 60 |
| ggaggcgccc | agacctgggc | aggcagcagg | ctcaggccca | cacctttgng | atTTTTgaaa | 120 |
| ccaaagccca | gannatgatg | tttacttntc | tctccctggc | tctgcccttc | ttactgcaaa | 180 |
| ccatgctgtg | ccttagggcc | cttctcatag | ntgttcctna | tggccatgac | tggaacaggg | 240 |
| atgcaacctn | ttntacaca | agcacagant | agnttgngtg | aagnntnttt | ntnactccgt | 300 |
| ttacaccngt | nnttcnnttc | tanntgcena | nancttcate | caatcngntc | annnnntnn | 360 |
| ctcactenna | cccancatc | cnannnnntcn | nnnnnaacnn | nanttcnctn | ctntacntnc | 420 |
| cctaencat | caatnnnttt | nntnnnnatt | annntctctn | antatattna | ctcnatatcc | 480 |
| tencactntt | tcatactcnc | nattactctt | nnncntacn | ctcatcacat | acncttaaat | 540 |
| nnnnccnntn | ctntatacna | ncatnttctt | nncantctac | ancgactatn | atagtcntct | 600 |
| atcnnctnnn | aagntctntn | naatnnntnc | tctganacnc | ctcttacgtg | ntcttactnt | 660 |
| acntcaatnt | ngctcatcat | cactctcnaa | cggatacttt | catttnngtg | tatatatccc | 720 |
| ncatctnctn | tcancactcn | tctctctact | ntatntcnca | cttnegncac | ncacgatata | 780 |
| nnatctncta | cactcanaat | cacnnnttat | natctnttta | tanctcnnan | tntaacngtc | 840 |
| ntntctnna | tcntnctntt | tenganatct | nncacntntc | tntntatnct | tnttcttctn | 900 |
| ctntaatatc | nantcatctt | agtctcnnna | nccaanatnt | nancntncac | tctntctacn | 960 |
| ttntctnctn | nnnacacttc | tactatctcn | aatatatatc | ttntntancat | annacnncac | 1020 |
| ctanatnant | cctctaannt | aacttcatct | nctntntact | annt | | 1064 |

<210> 4746
 <211> 1471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1471)
 <223> n = A,T,C or G

<400> 4746

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|------|
| ccccnngcac | acaangncnc | anannnnncan | cganngagcg | ntgcagagac | agcgcgnnna | 60 |
| cncnnnnnca | cagccannca | nnngnnanca | cgacgnnngg | gcnggagnac | gnaganncnc | 120 |
| nnacacnnng | nnngnanaan | nacngnanac | acnnnnggna | cgcnngcnc | gagnacnnng | 180 |
| accncagcga | nagnnncata | nnnnnggggg | cnnnnagagg | gagatccgcg | cacagnattg | 240 |
| ggcantcctt | ttttgggnna | aaacccggnt | tgggagaaaa | aacccccatn | acgacagnga | 300 |
| gacagaggag | aganngcgcn | cnnngnaccc | agncacgtnc | gcgacgtccg | ancagccccg | 360 |
| acgcnggagc | gaggagcna | gnaacnnncc | nccacnnnc | acgcnnnaan | acnnnnnang | 420 |
| ggggngacga | tataagcacc | ganngcnca | nnatctcna | ntcannannn | ncacacncca | 480 |
| gcaanngcc | nnngcgnc | nnnaanncca | gnaacnnagg | cncnnanann | nncnanccnn | 540 |
| cnannnnngn | ggacnnnnnn | nnngnnnnnn | gcgcannanc | cccngnngng | nnngngacca | 600 |
| nncccgccnc | ncnnnnnnna | annnanannc | taacaaactn | nnnnnannnn | ncncngncng | 660 |
| cnnaagnacn | ncaggannnn | cannncanac | ncncnannc | accnngncnc | cnaaannгаа | 720 |
| gnantcnnnc | gncanctnac | ngcancnnac | gnccangcnc | nacannancg | cnanancntg | 780 |
| ncgagacata | nncgacgaga | nncantngcn | nnntnnncnta | ntntacannn | cgccccganag | 840 |
| cntcngacag | ncgntncgtc | gacagctnrr | cgcacacnnt | ggntgantcc | ngagncatat | 900 |
| agaatcagcg | nnnangcaga | cacnacana | agnangncan | ctnacgacg | anacaacatc | 960 |
| gcgnngantc | annnnggnga | cgantccnaa | nnancagnng | nnctacgca | ganccccacc | 1020 |
| ncgaaannna | tncanctann | cagctngcna | nggacanaca | cgcnngnngg | cacaagacga | 1080 |
| gccagacngc | annacgcgng | ngccnactn | gnctcacgcc | acagaacann | ntacacnagc | 1140 |
| gccngcnaga | gencacacag | nggtnagana | nggncncgcn | cntnnatgcc | atngngaacca | 1200 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| cgnagacgca | ccgagacatn | nnacaangcg | ctcgcgcaga | gncnannenc | nagacggccg | 1260 |
| tatnagnagn | gagncacanc | nanngnnnga | gcagcnnnan | cgcanagnga | gagagcacnc | 1320 |
| agngganaca | cgccgtagac | cnnntcngg | ncgcncccgc | ncnggnagca | nntnnnnccn | 1380 |
| ntntagacan | ncagcgtgn | nngacatann | gnaccatcat | gtacncagcc | agcnnantag | 1440 |
| agntncncan | acggcagcna | gcagcacnnn | c | | | 1471 |

<210> 4747

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (915)

<223> n = A,T,C or G

<400> 4747

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| cgaccagaac | ngcctngaaa | tcccacaaac | gaggagcaan | cgacgcgaag | acggcacgag | 60 |
| agcgcgaggg | aacgncccg | ccattntnn | ccacgctggg | aagaccaaca | ccnccggag | 120 |
| cgcgncancag | cacccccacg | gcggangcaa | ncgangaccn | ncggacagca | cncacgggnc | 180 |
| gganccaggn | acgcncgccn | cnngngcncg | gaaccnggac | cagccaanag | cgngctgng | 240 |
| ccngacngag | nnncncnaag | gncganaanc | ccgagcncgc | agaagaancc | ccgggggaacg | 300 |
| agcngacggg | anccgcaaaa | aggcaccnaa | gacacaaggc | gcaccacgag | gcncggaccg | 360 |
| ngncccgca | ngcccganag | ccaacacagg | ncannggnag | ngacgnacag | aaccggaaan | 420 |
| caacngccac | acaaaggngc | caaccgnacg | cnacnggggg | gccccnacia | gggnaaagac | 480 |
| ccaggaancc | aagngggccn | ggncnanccc | cnggaaanng | accnggcaan | nngggcnnga | 540 |
| agaaaaaac | aaaggccnag | cgaancngaa | acccangcag | ccagagcacg | nanaggnaag | 600 |
| cggcaanaaa | ccgganaggc | cccaggangg | accgaaagna | ccnggggngc | cccaangccc | 660 |
| aggcccaaaa | cgncagaaaa | aaggnnanna | accaaaggcc | cagnnggcc | cgaancaccn | 720 |
| nnncagcacc | nagganaacn | aganagaacc | gcgaccaacc | cnanaanncc | ggncaaaana | 780 |
| canaaaccat | ccncaggggg | gaaggancac | nngccnnncc | ncnanncaaa | nccaaagccn | 840 |
| ncacaaangg | ccacaggncc | anagcanncg | nacnacccgc | anacaangcc | cagaanannc | 900 |
| ggggganngg | ngccg | | | | | 915 |

<210> 4748

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4748

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtttannann | cagctcttgt | tctttttgca | ggatcccatc | gattcgaatt | cggcacgagg | 60 |
| agaaggacgt | gccgtgccgc | tgggttctga | gccggagtgg | tcggtgggtg | ggatggaggc | 120 |
| gaccttggag | cagcacttgg | aagacacaa | gaagaatccc | tccattgttg | gagtcctgtg | 180 |
| cacagattca | caaggactta | atctgggttg | ccgcgggacc | ctgtcagatg | agcatgctgg | 240 |
| agtgatattc | gttctagccc | agcaagcagc | taagctaacc | tctgacccca | ctgatattcc | 300 |
| tgtggtgtgt | ctagaatnag | atnatgggaa | cattatgatc | cagaaacacg | atggcatnac | 360 |
| ggtggcagtg | cacaaaatgg | cctcttgatg | ctcatatctg | gtcttnanca | acctgtnttn | 420 |
| tgaantcgng | naccncnat | gtgnaaatcc | cctntntaac | ttctcaagnn | tcnncngttt | 480 |
| nggncnttct | tttaagggtg | cctttggggc | cttttctggg | gnaantttta | anaangcana | 540 |
| nnngcgnntt | ttaanagggc | tnttttnggc | ccccctntnt | tttnnaaaaa | atTTTTTnt | 600 |
| taaaaaaggg | gggattccnt | tnttttnnaa | aaaanccaag | ggnnncnnc | gggggccaac | 660 |

```

ntnnnggnat taanaaaat tttnggnngg tnatancaaa taaaantntt nttttgggan 720
ggaaaatttg naaaaaannn nnnnnntnnn nnnnnntnnn nnnnnnnntn nnnnnnnnt 780
nnnannct 789

```

```

<210> 4749
<211> 10
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(10)
<223> n = A,T,C or G

```

```

<400> 4749
nnnnnnnnnn 10

```

```

<210> 4750
<211> 749
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

```

```

<400> 4750
gagaggnnnn ttttnaanat cagctacttg ttctttttgc nggatccctc gattttnaatt 60
cggcacgagg tcacacgggg ccacatctgc tgggtgccct cgtgctcctc tgcagcaagc 120
ccagcctggc cattgctgga ggtcctggag ccacagtgcc cttggcctta aagagctcac 180
ttgagaaaac gcttggtccg gtgggggtggg ggggtggattg aagactctga gacgagcagg 240
gaactcagaa cactgagtc ctatttgatg ttaaaatatg accgttaaac ttctgggtaa 300
gataatgaat ggcactatgg tttatactgt ttctgttnta tgggctcttn cagagacgtg 360
aactggaaaa ggctctgcan tgtctgggat tcgctcaatg ctgcagggga gggcaggtgt 420
gaggggaatg gccctggagg gtgatggggc tggggcatcc gatgcagctt tatagttctg 480
taattaccac ttttaaactt tttattacga aaaatgtcaa ggaccctgga attaccgtga 540
ggtaggcagg ataatgggcc cccaagatgc ccgtgttggtg accccaaga cctttgtgag 600
tgccctcacat ngggaaattg gcctangtca tcttgcan gc canggaag cccattggc 660
ccttaaagct tganancctt tcctgctgga ntttganaga tgccngaanc annanaagnt 720
anaaacccct nggaagggcc ntacttct 749

```

```

<210> 4751
<211> 708
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

```

```

<400> 4751
gntctcatnn tgnnaggctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggtgcgac gaaggagtag gtgggtgggat ctcaccgtgg gtccgattag ccttttctct 120
gccttgcttg cttgagcttc agcgggaattc gaaatggctg gcggaaggc tggaaaggac 180

```

1600

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| tccggaaagg | ccaagacaaa | ggcggtttcc | cgctcgcaga | gagccggctt | gcagttccca | 240 |
| gtggggccgta | ttcatcgaca | cctaaaatct | aggacgacca | gtcatggacg | tgtgggcgcg | 300 |
| actgccgctg | tgtacagcgc | agccatcctg | gagtacctca | ccgcanaggt | acttgaactg | 360 |
| gcaggaaatg | catcaaaaga | cttaaaggta | aagcgtatta | cccctcgtca | cttgcaactt | 420 |
| gctattcgtg | gagatgaaga | attggattct | ctcatcaagg | ctacaattgc | tgggtggtggn | 480 |
| gtcattccac | acatccacaa | atctctgatt | gggaagaaaag | gacaacagaa | gactgtctaa | 540 |
| aggatgcctg | gattccttgt | tatctcanga | ctctaaatac | tctaacagct | gccagtgttg | 600 |
| gtgattccag | tggactgtat | ctctgtgaaa | aacacaattt | tgcctttttt | gtaattctat | 660 |
| ttgacaagtt | tggaagttaa | ttagctttcc | accaacccaaa | tttctgct | | 708 |

<210> 4752

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4752

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggnttttnan | tctacanncn | actggctact | tgttcttttt | gcaggatccc | atcgattcga | 60 |
| attcggcacg | agcttntntg | gnctnnccgn | ctattntggn | atcagagnng | ctgggacagt | 120 |
| tgntgctnnc | ctnnntnacg | nnagnnttn | nangnatgat | ntctatgtgn | annacatcnn | 180 |
| gaannagnct | angaanaatg | ttgacnccan | tgttntntnn | atgannactc | gaanatncat | 240 |
| atatggnant | aaangcaaan | ctntannctt | gngannngng | nctagtatna | ctcacgcgcc | 300 |
| cngcnaagac | cctgctcntc | gcagnannat | acagtatgct | attctggact | tacngagtcn | 360 |
| gttcnagcat | aatggattcc | nttgctctgc | taentgnnnc | aganaatctc | anntnctggt | 420 |
| naccaacctn | ncnangnnat | nnccctantt | acgcctcgan | agnatgtgat | atnntaannt | 480 |
| gaatnatana | tctgatgnac | tactgacagc | ttctngatgc | ctgctcagga | taatgcctgg | 540 |
| ngcatntgac | atcaatanca | acctngntnt | naggetctan | tccttgaang | actntgntaa | 600 |
| tgcntacaat | gnttataann | ttgnccatcc | acaatntgaa | aatcaggagc | ttgacngcgn | 660 |
| tatnggncaa | caactnctac | ngaacntagt | gaacattgga | tgaatatnnt | aaagcctggt | 720 |
| angcnnatat | tnggatn | | | | | 737 |

<210> 4753

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4753

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| tgtacnaann | antgnggtng | ctcgtncctt | ctcnnaan | nnnngcttgg | cgaattcggc | 60 |
| acgagggaaa | gaggaagaa | agagaagctg | gttattttcta | gaggatgtcg | taatctacat | 120 |
| cacaggcaga | actgatggct | cagtggctga | gtggccagta | tattgtcttt | ttttttttga | 180 |
| gacaaggtct | cgttttgtca | cccgggctgg | agtgcagtgg | cgccatcttg | gcacaacctc | 240 |
| cacctcctgt | gttcaggaga | attgcttcaa | tctggaaggc | agagggtgca | gtgagattgc | 300 |
| accattgcat | tccagcctgg | gcaacaagag | ggaaactccg | tctcaaaaaa | aaaaaataaa | 360 |
| agtgcctttt | aggccggaaa | aaaaaaaaaa | aaaaaaaaaa | aaaactcgag | cctntanaac | 420 |
| tatagtga | cgtattacgt | agatccagac | atgataagat | ncattgatga | gtttggacaa | 480 |
| accacaanta | gaatgcagtg | aaaaaaatgc | tttattttgtg | aaattttgtga | tgctattgct | 540 |
| ttatttgtaa | ccattataag | ctgcaataaa | caagttaaca | acaacaattg | cnttcatttt | 600 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| atgttttcagg | ttcaggggga | ggtgtgggag | ggtttttaat | ttcccggccc | gcgccaatgc | 660 |
| cttgggcccc | ggtacccanc | ttttgntncc | ctttagtnga | ggggttaaat | tgcccccttt | 720 |
| ggcgtnaatc | atggggcata | acctggttnc | cngtggngaa | attgnttatt | ccgnnttcnn | 780 |
| aatttcccc | nanct | | | | | 795 |

<210> 4754

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4754

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| gagaggggnnn | tttcnaatgc | cagctacttg | ttctttttgc | nggatccctc | gatntnaatt | 60 |
| cggcncgagg | cncncnctgc | gctccgtgnc | tcaacanggc | atgccnntnt | ctnctgtacac | 120 |
| tatnnagnga | gattnnntag | gactatggtn | nagnanntcn | gtacntgnaa | aaggggganc | 180 |
| tattgcatct | anaaaacttaa | tnatntaaaa | ttgactnatt | tagactagac | tcaagaatgt | 240 |
| atatgctntt | ggtaattagg | aactctngag | aatanaaggct | gctgattggt | gccatanecat | 300 |
| gtntacaaa | atngnatctc | tatgggatgt | actggcaant | gtgtcataaa | atgctnctgg | 360 |
| gttnattcat | ncattccata | agaaaacttaa | taccancnaa | tgcattaaan | ccnnngcnag | 420 |
| ttncatnaa | ctgtanctat | gnaacntttg | tttaaggatc | nntctgatgg | tcntntanga | 480 |
| gcnatcttag | ntctnagtca | ttggncnat | ccntntnctg | tgagtaccag | nacataccga | 540 |
| acttgntnnc | cctgcttcca | ctaantccag | ntgtgaccaa | aatctaacgt | gacatcatatc | 600 |
| ganangttat | agacanaaga | ctantgagat | ctaananntc | ctgcnttnnn | gnnaaccenn | 660 |
| ctacaaaana | ntannatnng | gggaanaatn | ntnttncctt | ttggaccatt | tgncntcaa | 720 |
| atatnngccn | ccngaataga | nntnaaccen | n | | | 751 |

<210> 4755

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(963)

<223> n = A,T,C or G

<400> 4755

| | | | | | | |
|-------------|--------------|-------------|------------|------------|-------------|-----|
| cnaannagtg | annngntcgc | cttgcenaac | nannnaggcg | ggggcgtctt | ggtntntctag | 60 |
| ccttttagaaa | aaaaaaaaatct | agtcttggtg | aagaaaatgt | tcattttta | caagctocag | 120 |
| tacagcttgt | gtcaagacct | agtaagacca | cctttaatgt | gttcctggat | atgacattaa | 180 |
| aaactaactt | gaaaattggt | aggatatttc | cttggtccct | acttttattg | taaaatctac | 240 |
| tacatnctta | agaattaaaa | aacgccattt | cagaagagat | gatagtttta | tcttgccaag | 300 |
| gaattatctt | cttagtagcc | tatattggct | tattccaaaa | aaggcgtaa | cctccatcaa | 360 |
| aacatctnct | gcgcctctct | ctcagcatat | gctntgatnt | ttgaagngtg | naatagattg | 420 |
| gagctatcag | tcacttatct | cnaaaaaaant | gtnttctntn | ttcttcatan | cctgtgaann | 480 |
| agggataccc | naggnaaaagt | tcctttctgc | tgctccctcc | ccttttggtg | tgcttatcct | 540 |
| tatggaacca | ctnaaacctgc | acaaaaccct | tcnccctaaa | aanccangnn | aanntggcca | 600 |
| anttcttnaa | ttangccanc | ttattttatc | cccnnggnt | cattaaaccn | aatntcttag | 660 |
| gcctggctnt | ggggccttcg | ggggggcctt | ttnggccttg | cnnntngcnn | tnntaaaant | 720 |
| ncaggccttn | cnanaaananc | anctctntnc | ntctaccgan | naanaaccct | ctcnanangg | 780 |
| nccctcttct | tcananaacn | cttcttnnagc | tcggagaggg | ncccgaccaa | tttnaaccgc | 840 |
| ttctntntnt | ccccnccggt | gtcacctttg | gcttttcnnc | nncantcnnc | catctttntg | 900 |

cnnantnacn nnnnattntt gngngcanac acaacaancn cccaactcca cncctcntgtn 960
nan 963

<210> 4756

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4756

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gttttaatnn | ntcagctctt | gttcttttttg | caggatccca | tcgattcgca | agattgggct | 60 |
| atggaattgg | aaggcctggt | ttggagtact | ctaaattaaa | aaaaagttat | atttgtaaaa | 120 |
| taaccaccac | aagattgcct | gattcacagt | tcttctgagt | attggcgtag | gtaattattt | 180 |
| aagatgtttg | ataaattgta | aaatgctttt | tacatttttt | aaggaatcaa | ttgaactact | 240 |
| ggaaaccagt | atgtagtatt | cttggcaggt | ctaggtttca | taatccta | ttctttgcag | 300 |
| cccactattc | agaaatgtag | tgattaacag | agtcaagaat | gtttcaggat | atttttggct | 360 |
| acaagtaaca | atacctaact | aaaagtgact | taaataataa | gcagtttggt | atttcacaga | 420 |
| atgagaagct | cagagccaga | gagttacagg | gttggttcag | cagttcagtt | tcatacaaga | 480 |
| cataagactt | gcttacttta | aagctcctct | gcatgtcagc | agagggctgc | cccaatttta | 540 |
| gataccaaca | tctggccaaa | gaagagcagg | gaatgcttct | ttaagtactt | attanggagc | 600 |
| aaaacttcct | taaaagtctc | ataggagggt | tttccttagn | ctcattggat | ctcaatggct | 660 |
| cttgcatata | agaaaaaggc | cacattcctt | actctggcat | ttaagtt | | 707 |

<210> 4757

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4757

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gttttaatnn | ntcagctctt | gttcttttttg | caggatccca | tcgattcgca | agattgggct | 60 |
| atggaattgg | aaggcctggt | ttggagtact | ctaaattaaa | aaaaagttat | atttgtaaaa | 120 |
| taaccaccac | aagattgcct | gattcacagt | tcttctgagt | attggcgtag | gtaattattt | 180 |
| aagatgtttg | ataaattgta | aaatgctttt | tacatttttt | aaggaatcaa | ttgaactact | 240 |
| ggaaaccagt | atgtagtatt | cttggcaggt | ctaggtttca | taatccta | ttctttgcag | 300 |
| cccactattc | agaaatgtag | tgattaacag | agtcaagaat | gtttcaggat | atttttggct | 360 |
| acaagtaaca | atacctaact | aaaagtgact | taaataataa | gcagtttggt | atttcacaga | 420 |
| atgagaagct | cagagccaga | gagttacagg | gttggttcag | cagttcagtt | tcatacaaga | 480 |
| cataagactt | gcttacttta | aagctcctct | gcatgtcagc | agagggctgc | cccaatttta | 540 |
| gataccaaca | tctggccaaa | gaagagcagg | gaatgcttct | ttaagtactt | attanggagc | 600 |
| aaaacttcct | taaaagtctc | ataggagggt | tttccttagn | ctcattggat | ctcaatggct | 660 |
| cttgcatata | agaaaaaggc | cacattcctt | actctggcat | ttaagtt | | 707 |

<210> 4758

<211> 707

<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 4758
atgcgggncn aatnntnggc tactcgntct ttccgcaaga ncccngcgan tcgaattcgg 60
cacgagattt gggagtnnta atatngacat tncngngatg ctnatatatg taatgtctta 120
attgagattn ctgtnanggc anaaataatt aggctagggc tcttagtttt cattcctatt 180
gcccagntnt tgtcaaacta tgggtataatt ttaatgttac tttaaaaatc catantctgc 240
tagttttgca tgncttata tgaaaacagt gcagtaagtt gaaaactcag tgtctatgga 300
attgataaat gtcgatctgg tgtagtatat tttatcgcat ttnccttata taaaaaatgt 360
ctgcatgatt ncattttatt tcttttgtaa tttacatttc agaatagtgt attgctatat 420
gggtgccaaag attgaatatg aagaaccna gtgtttgtag tattatagtt ttaagcaaat 480
ctgtgtggng atacagccat nagantggg cttatataaa ctctgaacat gtaagatttt 540
gtacagagaa tcnttaactn tataaattgt atatgancat gtaaactctt taaaatgtac 600
atnanatact gtatttctatt accttgtgtg tnatagtcta gtcattgcct gtnaatataa 660
tttattacgt nntctgnagc ataaacccat acatngatga cttannt 707

<210> 4759
<211> 842
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(842)
<223> n = A,T,C or G

<400> 4759
annncnntnn annantncnt nntnnnnatc nnnntctnnn tncntntnna tttaannttt 60
tatannnnnn tntnannnnn antnntaatn atgttntct aatgnnggct nctactcttg 120
ntgnttgtgc agtaccnng gattcnaata cggcacgagg caagttccag tgaaccacaa 180
gtatggcaaa ncttatccaa ttttatgctn ggggcagtc gnacatacca gtttctgatg 240
tttcaggcat gagtggggt aataagtgtg accacttaaa gctgntcgtt agcatggaag 300
acttctccat tctatctttg naaaacagac aanatatgca cttgacatat tagcaaantg 360
gtncatgaatt atncaactgt ttgctattta ntaaaactagc aaatgatgca tgtattntgt 420
ttttcatgtn ctgggcaata tgagtaaaat ctgtcccttt tccccctnt gaatgaggtc 480
tnncatgntt gangnaaagt nttgcactat ngcatatant nnggggacac agattttcat 540
aatntccatt ttttgggggc ttaaggattt nttttttcn ntgtgaaaca gtnataannc 600
ttanncnata tnatancctn aaatatntac caggaaaant ccttttttga nttttcaaag 660
ccttnnatta antctanttt ttaaagaaan cncntatggt atatttntna aaaggttntt 720
ttcccccaa nccttanttt tacctgnnaa ncttgnntn cccntttaat antatnttta 780
ccaaatntcc cnatttccng ganaatntnn cccttccnt nccttgaaaa acattgtttt 840
nc 842

<210> 4760
<211> 843
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(843)
<223> n = A,T,C or G

<400> 4760

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| tgancatcatn | tctcaagnag | nctanatngc | cctaacnaga | atngngctng | gggnaattcg | 60 |
| gcacgagcta | gcagtaggna | acaaagtata | anaatgacag | cagatgtgtg | gncanaaatt | 120 |
| attcanggcn | naagacantn | gaactgaaaa | nnaaagtagg | tcaatctaga | attctatacc | 180 |
| caacacaaat | atccttcaaa | aatgaagggtg | aaataaacac | tttttgatgg | acaaactgaa | 240 |
| gttgagagaa | ttcgtnacca | gcagacctgt | agtacaaaaa | atgttgaggc | aagtttttta | 300 |
| ggcnaanaaa | aaatgatact | anatagaaat | ttgggctnca | caaaggantg | aagaggcttn | 360 |
| caaatggttn | nattatntgg | aancatatga | aagtnatctt | ttctcattnt | caatcccttt | 420 |
| tgagaaactg | cttaaagcaa | naatatnnac | naggtactat | gnagncttaa | naacatacat | 480 |
| anaancaaaaa | tgtatgacaa | aaactactaa | agttnnccan | gantnntggg | gtgtgcctgn | 540 |
| ngcncngcn | tgtcttgttn | ggctnanatg | gggacgatnc | attctnacc | gagcccnnat | 600 |
| angtcctaac | ctnntntgan | ctgttgantg | gtntcactca | cncctctctg | ggctacacan | 660 |
| ntngaccctn | tcctgnaanc | caaanccctt | ctcaaccttc | cncctttctt | cnnancnttt | 720 |
| anctgnannn | tcctttatnc | nccccnnt | ccccccacct | tcctccgnat | cncctctcct | 780 |
| gcancctttt | gtctcncanc | ctcccaacnn | tnngnnaatt | tcctcactgn | canacacann | 840 |
| nct | | | | | | 843 |

<210> 4761

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4761

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gntntnnnt | tntatannna | cangctactt | gttctttttg | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | ggcttctgtg | tcaaaaaaca | acaaaaaatg | gatattagga | acgttttggt | 120 |
| gtttaaaaaa | attactttgt | ttttacactt | tggtagaaaa | aacttaagga | atattttcaa | 180 |
| cataatacaa | agttagcaga | atagaatagt | gagcttttat | gtaaccattc | tttttttttt | 240 |
| ttttctgtaa | aaagagacaa | ggcttctgtc | tgtcaccag | gctggagtga | agtgggtgcta | 300 |
| tcataacttg | ctgctgcctc | agactcctgg | gcggaagtga | tcctcctgcc | ttagcctgcc | 360 |
| gagtagttag | gactacaggt | gcacaccacc | acacctggct | aattttttaa | tttttaattt | 420 |
| tttttgtgga | gacgggatct | tactgtgttg | cccaggctgg | tcatagaact | ttggcctcaa | 480 |
| gcagtcctcc | tgctgtggcc | tcctaaagtg | ttgggattga | gccactgtgc | ccagcccatt | 540 |
| gnttttatta | tttttttaag | gtttattttt | aggtgaagtt | tacatatatt | gaaatgcaca | 600 |
| aatcttaact | gtncagntgn | taataagttt | tattgagata | taatntatat | actattagtt | 660 |
| atatggttca | taattcacat | gccttctttg | aaagngtcca | nnttcaantg | aattttttt | 718 |

<210> 4762

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4762

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gntntnnnt | tntatannna | cangctactt | gttctttttg | caggatccca | tcgattcgaa | 60 |
| ttcggcacga | ggcttctgtg | tcaaaaaaca | acaaaaaatg | gatattagga | acgttttggt | 120 |
| gtttaaaaaa | attactttgt | ttttacactt | tggtagaaaa | aacttaagga | atattttcaa | 180 |
| cataatacaa | agttagcaga | atagaatagt | gagcttttat | gtaaccattc | tttttttttt | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ttttctgtaa | aaagagacaa | ggtcttgctc | tgtcacccag | gctggagtga | agtgggtgcta | 300 |
| tcataacttg | ctgctgcctc | agactcctgg | gcggaagtga | tcctcctgcc | ttagcctgcc | 360 |
| gagtagttag | gactacaggt | gcacaccacc | acacctggct | aattttttaa | tttttaattt | 420 |
| tttttgtgga | gacgggatct | tactgtgttg | cccaggctgg | tcatgaactt | ttggcctcaa | 480 |
| gcagtcctcc | tgctgtggcc | tcctaaagtg | ttgggattga | gccactgtgc | ccagccatt | 540 |
| gnttttatta | ttttttaaag | gtttattttt | aggtgaagtt | tacatatatt | gaaatgcaca | 600 |
| aatcttaact | gtncagntgn | taataagttt | tattgagata | taatntatat | actattagtt | 660 |
| atatggtnc | taattcacat | gccttctttg | aaagngtcca | nnttcaantg | aatttttt | 718 |

<210> 4763

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4763

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| gttanncctt | tcnaatgctn | ggctacttgt | tctttttgca | ggnncccatc | gattcgaatt | 60 |
| cggcagcagc | tganttgccn | gananntaat | gngnngngnc | aagagactct | nccantntgt | 120 |
| aantggctan | ttagnntgnc | tagctgagcn | taatnaaagn | nagnaaactt | ttataactna | 180 |
| ttaatatctt | gagnnnnncan | gngcgccant | acnntatncc | ntnancttgn | atctatgacc | 240 |
| atatnaatat | anngcataat | nccgcttcta | tcattgagtan | ctactagagg | natgcatngc | 300 |
| gtgtaatngt | gangtaatnc | annttaacnga | aanttangtc | ttgcangnat | anggnntnnnn | 360 |
| nactaatatt | ttannatata | gatattgacat | ntgtggaang | agcactagag | cntgcatctt | 420 |
| tnatatgntn | nttgntctana | tgancagcan | ngtatgnngn | tcaaanttat | nanaactcat | 480 |
| ncnagtgtct | gntcattcga | accctacctg | atantantct | aacttgggaa | aaaaaaantg | 540 |
| gtctgaatgn | tncanntttt | aagtgnctat | cncagaggtt | ggaaataatg | ccaanangcn | 600 |
| tnggtnatta | gnttcncaca | tgtanngtta | ggtttttttg | actnntgcna | ngcttactan | 660 |
| ttgggggggaa | gaagaattca | gaagccntgg | aaaggtnngt | cngaanttaa | ngaaatngta | 720 |
| aaanaaaagct | tggnaaantt | ttacccttgg | caaggatngn | ntngccnn | | 768 |

<210> 4764

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4764

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| gttanncctt | tcnaatgctn | ggctacttgt | tctttttgca | ggnncccatc | gattcgaatt | 60 |
| cggcagcagc | tganttgccn | gananntaat | gngnngngnc | aagagactct | nccantntgt | 120 |
| aantggctan | ttagnntgnc | tagctgagcn | taatnaaagn | nagnaaactt | ttataactna | 180 |
| ttaatatctt | gagnnnnncan | gngcgccant | acnntatncc | ntnancttgn | atctatgacc | 240 |
| atatnaatat | anngcataat | nccgcttcta | tcattgagtan | ctactagagg | natgcatngc | 300 |
| gtgtaatngt | gangtaatnc | annttaacnga | aanttangtc | ttgcangnat | anggnntnnnn | 360 |
| nactaatatt | ttannatata | gatattgacat | ntgtggaang | agcactagag | cntgcatctt | 420 |
| tnatatgntn | nttgntctana | tgancagcan | ngtatgnngn | tcaaanttat | nanaactcat | 480 |
| ncnagtgtct | gntcattcga | accctacctg | atantantct | aacttgggaa | aaaaaaantg | 540 |
| gtctgaatgn | tncanntttt | aagtgnctat | cncagaggtt | ggaaataatg | ccaanangcn | 600 |
| tnggtnatta | gnttcncaca | tgtanngtta | ggtttttttg | actnntgcna | ngcttactan | 660 |

ttgggggggaa gaagaattca gaagccntgg aaaggtnggt cngaanttaa ngaaatngta 720
 aaanaaagct tggnaaantt ttacccttgg caaggatngn ntngccnn 768

<210> 4765

<211> 1475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1475)

<223> n = A,T,C or G

<400> 4765

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|------|
| actaactatc | ncacacnnn | acgccnaaaa | tngccnaacn | cnnnnnaaag | ctnngggncn | 60 |
| anacctncac | cacncancac | ccaaaanaac | aancnaaaca | acaacagncc | cctencacct | 120 |
| nnannccmnc | ccncataant | acancctccc | natagctntc | acccacacan | cacacncnt | 180 |
| caacccccan | cancctcccn | acnccccacc | caacccaaan | acntnacnta | annccacccc | 240 |
| cacnaaanac | ccnnncaaca | cnnacacnaca | cncncanncc | tcacnccaac | ccnccccacc | 300 |
| ncncaaccn | ancnccctan | canaccccacc | cncaccccccc | ccccaaacnc | aancnncan | 360 |
| cnnnacnan | anctcaaccc | nnaccacccc | ccncaccaa | caccctccan | acccanacc | 420 |
| cctnanaccc | ccncaaccnn | ccacacncat | cacnnncaca | acatntacnn | cntcacncan | 480 |
| caanacnaac | accacacnc | cacnnacacn | cacatcannn | natgnnctca | caccactca | 540 |
| ntntaccaan | ctaacaacca | caccatacgy | ntatncaca | canncccaca | acnncacatc | 600 |
| acaccancc | ntcnnaacc | cacnacaccn | acacactcca | tacancanc | ncacancaca | 660 |
| ccaannncca | ncaaaaaccn | acacaacaca | nannccacaa | cactctctnt | ancnnacact | 720 |
| ctaataatcnc | ntaaacatna | cnetnanacc | cacactaccn | caaccatnat | nccatacacn | 780 |
| cacacanaca | catcacaacn | cnetncctnt | cantctncac | ctacacacna | tnncacanaa | 840 |
| cnnaccacc | ctnntaaca | acacannntn | cacnacncac | accaccacat | acacccaaca | 900 |
| netccctcnc | tcnncncaca | ccacaccacc | aaaatcaccc | nnnacaactn | tnncntnaa | 960 |
| tnctnatatc | netccaccac | naatnntanc | cnacacncnc | annctctcac | aacactctcn | 1020 |
| cacanatan | ctntcctct | ngantcacac | ancannacaa | ctnncccaca | tctcacannn | 1080 |
| cnntannntna | cctntcnanc | caccacacat | cacacacctc | acannnccta | cntcacnacc | 1140 |
| anccacacca | cnaaccccca | atnncctctc | canacacaac | acnanacnnn | cctcannnca | 1200 |
| tcnacncaca | tnatcacca | ccnaccacnn | aacacctnct | cactacaaca | cncancnatc | 1260 |
| accnaccnc | atcacacacc | acncacanca | caccctcacc | acccaanntc | acacactnct | 1320 |
| ctcccnctc | tctccaccn | ncnncaatcn | nncaacacnn | ccccaccac | accctctacn | 1380 |
| ncnctacnn | tatctatcac | caccanacnc | acacatattc | atnnncacac | ntcacctntt | 1440 |
| annaacttca | cacaactatc | natnncnnn | tnct | | | 1475 |

<210> 4766

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 4766

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggttnatanc | agctcttgtc | ntgngccnga | tnccngtgaa | natantctct | ctagctcact | 60 |
| tgtntaaant | ggaagtctn | tnatnatcgg | tatgaaccn | tnaaggagcc | atgtntaccg | 120 |
| gnctagctat | actngnccnn | gggaagnccc | tgctgtgtg | nantnccntn | ctgggatnct | 180 |
| tnaanagnaa | acnnnacgct | ctncanatt | cntnagatgc | ncagntagct | tatnagncat | 240 |
| gggattgcca | nntgnnccat | ctnctgtctn | anggnctncc | anngcacnng | tttnncngac | 300 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| naacnggncc | nctgtgtaaa | tagnaggcng | agaaatgata | cnntgctgtg | gaannaccaa | 360 |
| ccnactatgg | accngaaact | tgetggcnaa | atnaattatc | tncnacaaac | ngnaangtgg | 420 |
| ctcngagatt | gatngttggc | tataatatng | aagccctgc | cctgtgacnn | tgatnctagt | 480 |
| gattattgca | tgntcctca | tctgtatant | gaaanncatc | tnattaggna | nagngtttng | 540 |
| anacntttng | aaaggncnta | ctggnaattt | acnttanaat | tntttnccat | tgtccgacca | 600 |
| caaanttnca | agnttttccn | gncacatttn | nnnacttaan | ggccenggna | cctggaagng | 660 |
| ctttgaaaag | gcgcccttna | aaannngat | ttagccngnt | tnatttance | cnttttanaa | 720 |
| acnggnnntc | aggncnccca | attncnngaa | anntaacctt | tagncctttt | tnaaaacttt | 780 |
| ttggggnggt | cngnnatc | | | | | 798 |

<210> 4767

<211> 1861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1861)

<223> n = A,T,C or G

<400> 4767

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| naacngngtnn | gtgaggccta | aatagctnnn | ctntngtgta | ttnnngngna | ggtgcntnna | 60 |
| tnengccenna | gnntannnnn | nggntnggag | nttngggngn | nnnctancnc | tatanccnnn | 120 |
| naennagggg | ggggncnttn | tnnttccttt | tntctctenn | ngtgntnttc | tntgncntt | 180 |
| tnencnntnn | cantctnnnc | ctcacgtntt | tnngttcnnc | ccnnantnnc | nnnecgnnca | 240 |
| tcctttnttt | ccnncccttn | cttctntnnc | aancactntn | natatgcent | atatactenn | 300 |
| ncnecgnenac | nctatnncta | tencctnnnn | tctnecctac | nnnctcagta | nttntncttn | 360 |
| nnngnctntnc | tanctnctgn | gtctcncatc | atatactnecg | acgtnnnccat | tannccctcca | 420 |
| gtectnnent | ctnactctna | nnnangtctn | tccgtctntt | cnanannctc | tntntnctat | 480 |
| ctnnattang | tnacgntctt | gncncnttc | acangagnnt | atgncncntt | tgtncatctc | 540 |
| nnatctcngc | nncacgactt | cnnatntctc | nattnacang | ntcactgcta | actcanctnn | 600 |
| atntctctct | ncnnnagcga | acgatnntcg | cannanacag | cctntctgcn | nananacntc | 660 |
| gcncntcgtn | tagngcgatc | tnncagttna | ttcttnatcc | tctgnttgta | ntatntntan | 720 |
| gaatacatna | tctntcangc | nncacttanc | anntnnccatg | acnactntgc | tctctgntan | 780 |
| cacanangct | ttcnnngctn | tcttacgann | ntgcnngcgc | anactntgac | tntctnatgt | 840 |
| cgtctctcat | nnatatttnn | tntacatanc | tnnctntctc | ctncantntt | gnctanctcg | 900 |
| ntgattctct | atatngctca | ctntnccat | acannntngn | anacnattgt | nactcaangt | 960 |
| cntcgnnnan | nttctacgct | cncntngacn | ttccaatang | ganatntctn | tntcacnct | 1020 |
| gtntatncca | ngtccttgan | ccgannatan | atcnnnatat | cgacgacnng | cnannnatan | 1080 |
| tctctcagcg | nataatncatc | ngnnctctaa | ncncanactg | ctattcnant | agnncncntn | 1140 |
| tctctatnecg | cncctcctan | tacannattn | ggntnnnttc | getancnntn | tcgntctenn | 1200 |
| ttnnntatan | nnnnnagctc | acnnncnctg | cgccatntnt | acntcatnnc | nngtctccat | 1260 |
| anacatntac | tntctatnaa | ngtaccctnt | ntctctcgan | ancncnnatn | nattgntcat | 1320 |
| nanatcanaa | atntnnacnt | ctctgatgac | gntctcant | atactgncac | tcttcnnatt | 1380 |
| attatnnagt | tcattgattct | ntctctcana | naannctcngn | cnnnnctctc | tnaccatntc | 1440 |
| nancgntagt | gncatgcanc | tanntcncca | cntntatntg | cgccaccatn | tactctatng | 1500 |
| atctcctnga | nctatntnan | gnatnatctn | tnccnccnat | ntcctgtnt | antcnancnc | 1560 |
| anacatnecg | tctcatctan | agtctcttan | gancncgna | cananctctc | acanaagatn | 1620 |
| nntagcntat | taatattgana | nnctctcna | nnctctnnnn | nnccatntn | atanncncag | 1680 |
| nanngacten | cgacatntna | tcatntctnt | cncnaacnct | nttctannng | tntnaatent | 1740 |
| gnannctcgt | antcnnnnca | nttcnntntc | atgcacattg | cgcanntct | ntncatcaaa | 1800 |
| acatactnta | tnctnagacg | actnnagctn | cnatactctc | tcnnctnnan | ctngccnctn | 1860 |
| t | | | | | | 1861 |

<210> 4768

<211> 1522